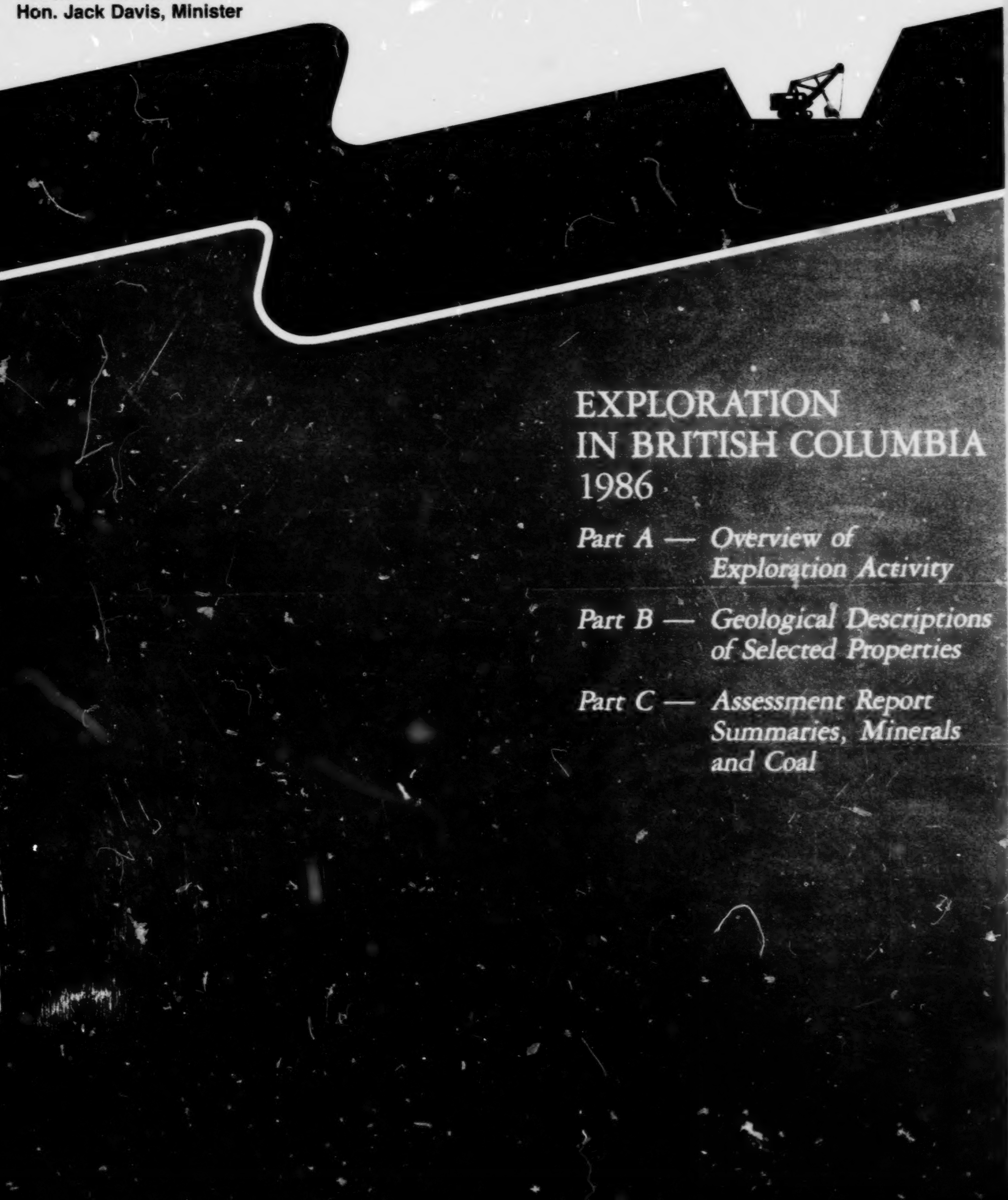
Province of British Columbia
Ministry of Energy, Mines and
Petroleum Resources
Hon. Jack Davis, Minister

MINERAL RESOURCES DIVISION
Geological Survey Branch



EXPLORATION IN BRITISH COLUMBIA 1986

Part A — Overview of Exploration Activity

Part B — Geological Descriptions of Selected Properties

Part C — Assessment Report Summaries, Minerals and Coal

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CANADA

JUNE 1987

FOREWORD

The first Minister of Mines of the province of British Columbia was appointed in 1874. One of his responsibilities was "the duty of collecting information on the subject of the mining industries of the Province". This material, which consisted of reports by the Gold Commissioners and the Mining Recorders of the province, was published in the Annual Report of the Minister of Mines.

A Bureau of Mines was established by Parliamentary authority in 1895 and in 1896 was staffed by a Provincial Mineralogist and an assayer/chemist. Technical reports on mines and mining activities were prepared by them and published in the Annual Report, together with reports contributed by the Mining Recorders and Gold Commissioners.

Over the years, with the expansion of the mining industry, the staff of the Department of Mines grew, as did the number and size of the technical reports on geology and mining that were still published in the Annual Report of the Minister of Mines. Over a period of nearly 75 years the Annual Report became known as the authoritative record of mining in the province.

However, because of the size to which the Annual Report had grown, it was decided in 1969 to publish all geological and technical reports dealing with solid minerals in a separate volume entitled Geology, Exploration and Mining in British Columbia. Thus a new annual publication was initiated with chapters on exploration and mining related to metals, placer, structural materials and industrial minerals, and coal. In 1975 a revised format was introduced for Geology, Exploration and Mining in British Columbia to allow the three main sections to be released as soon as prepared with the whole to be eventually bound together as a volume. The separate sections are Mining in British Columbia -- a record of mining in the province plus the Chief Inspector's report; Exploration in British Columbia -- a record of the performance of the industry in exploration; and Geology in British Columbia -- a record of the mapping and research of the Geological Survey Division of the Mineral Resources Branch. The Geology in British Columbia section has been discontinued with the final edition covering 1977-1981.

In the 1981 to 1984 editions of Exploration in British Columbia, a computerized format based only on assessment reports submitted, was introduced to further improve the timeliness of information release.

The 1985 edition of Exploration in British Columbia was divided into three parts: Part A is an exploration overview written for the calendar year 1985; Part B contains short geological writeups on properties mapped by Ministry geologists; and Part C is a computer listing of exploration work on properties based on assessment reports submitted. This volume follows that format.

Assessment reports are confidential for one year from date of submission. Permission was requested from companies to publish the information submitted on the "Assessment Report Title Page and Summary" in Part C of the volume, prior to the expiry of the confidential period. Where this was refused the entry is blank and the information will be published in Exploration in British Columbia 1987.

EXPLORATION IN BRITISH COLUMBIA
1986

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OVERVIEW

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OVERVIEW

By V.A. Preto, Manager, District Geology and Coal Resources Section

INTRODUCTION

The pace of mineral exploration quickened in British Columbia in 1986. A combination of exploration successes, attractive new exploration targets, flow-through shares, and a government exploration incentive program (FAME), contributed to a higher level of exploration activity. The number of mineral claims recorded by year-end was 68 655, as compared to 59 116 recorded in 1985; expenditures for mineral exploration exceeded $101 million, as compared to $80 million spent in 1985 (Figure A1). This is the first time that expenditures exceeded $100 million since 130 million was spent in 1981. Many properties acquired during the intensive staking of 1983 have now reached the advanced exploration stage and major underground programs were implemented on 10 gold prospects during 1986.

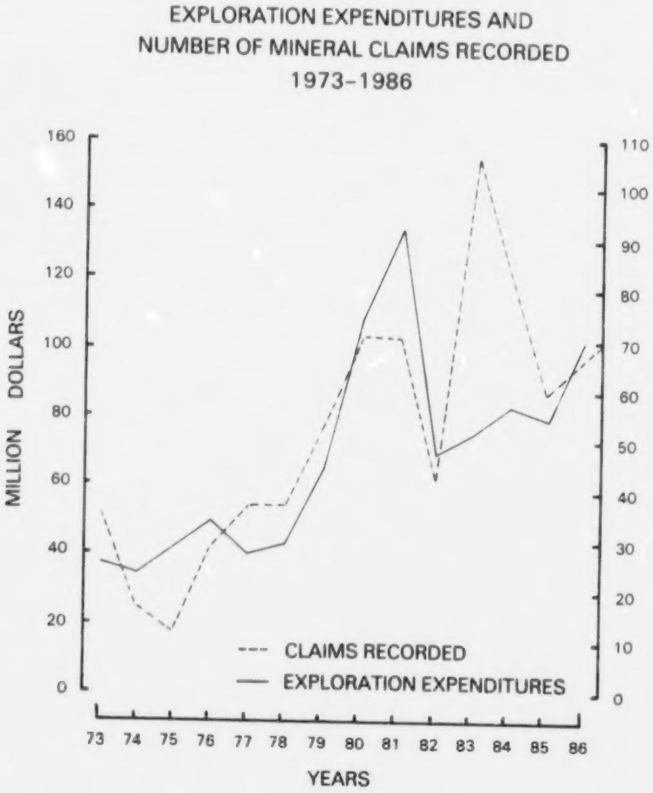

Figure A1. Mineral exploration expenditures and number of claims recorded, 1973-1986.

A new gold producer, the Blackdome mine (69)*, commenced operations in May 1986, and by year's end was paying dividends and rapidly approaching full payback on capital investment. A new mine is under construction on the Hedley gold-skarn deposit of Mascot Gold Mines Limited with production expected to start in April 1987. The Lawyers epithermal gold-silver deposit of Serem Inc. is poised for development.

Three porphyry mines, Brenda, Bell and Endako reopened, partly as a result of government initiatives. In addition Gibraltar Mines Limited commissioned a leaching facility and electrowin plant to treat low-grade stockpile and waste dump material. The first electrowon copper was produced on October 7. Cominco Ltd. and Lornex Mining Corporation Ltd. combined their operations in the Highland Valley to create one of the free world's largest producers of copper concentrate. A new company, Highland Valley Copper Ltd., was formed and an $83 million project to increase the capacity of the Valley mine to 120 000 tonnes/day was announced.

EXPLORATION HIGHLIGHTS

As in 1985, precious metals continued to be the main exploration target throughout the province, with the search focusing on six principal deposit types. A summary of exploration highlights by deposit type is given below, followed by more detailed district reports by each of the seven District Geologists.

EPITHERMAL AND MESOTHERMAL PRECIOUS METAL DEPOSITS

Epithermal gold-silver deposits, by far the most popular target, were sought throughout the province, with particular emphasis in the northwestern district.

One of the busiest areas continued to be the Toodoggone camp, 300 kilometres north of Smithers, where gold-silver mineralization occurs along the axis of a major belt of early Jurassic subaerial volcanic rocks. The deposits are structurally controlled and characterized by propylite, clay and silica alteration typical of epithermal systems.

The Lawyers deposit (36) of Serem Inc. has been extensively explored in recent years and a production decision is pending. Reserves are reported to be approximately one million tonnes grading 7.2 grams gold and 260 grams silver per tonne. Mineralization occurs mostly in spectacular amethyst-gold breccia veins and replacements along faults and shears.

In the Albert's Hump area, Energex Minerals Ltd. spent in excess of $2 million on continued exploration of the BV, Bonanza Ridge, Thesis II and Thesis III zones. Work included more than 3000 metres of diamond drilling and the operation of a pilot mill, with a 6-tonne daily capacity, which processed material averaging 58.7 grams/tonne gold.

*The location of each property referred to in the Introduction and District Geologists' reports is shown, by map number, in Figures A2 and A3. Summary descriptions of all properties are presented in Tables A1 and A2, listed by map number.

One of the most significant developments in the Toodoggone camp is the discovery of a strong and well-mineralized vein system in the vicinity of the former Baker mine (37) by Multinational Resources Inc. There are indications that this may well be the extension of the vein previously mined by Du Pont of Canada Exploration Ltd. Additional drilling and underground development are already scheduled for 1987 on this property.

Northwest of Stewart, the Newhawk Gold Mines Ltd./Lacana Mining Corporation joint venture completed a $1.5 million surface and underground drilling program on its Sulphurets property (21) where gold-silver mineralization occurs in structurally controlled veins associated with extensive quartz carbonate alteration. Although at least eight mineralized zones are known to occur in the vicinity of Brucejack Lake, the current program was focused on the West and Shore zones. Results from the 1986 program were very encouraging, and a major surface and underground program is anticipated in 1987.

Closer to Stewart, Westmin Resources Limited continued its evaluation of the Big Missouri (24) and Silbak Premier (27) properties with major surface and underground drilling programs which succeeded in outlining substantial widths of excellent grade mineralization, particularly in the Glory Hole area. This property is anticipated to enter the Mine Development Review Process very early in 1987.

In the Iskut River area, Skyline Explorations Limited proceeded with a significant underground program on its Reg property on Johnny Mountain (17), to gain access for underground sampling and drilling on the Cloutier and No. 16 vein systems. The company reports excellent results from this work and plans to continue in 1987 with a vigorous program aimed at reaching an early production decision.

In the Cassiar camp, Erickson Gold Mining Corp. conducted an aggressive program on the Vollaug vein where new ore reserves have been established in three zones, and on the Cusac option where six previously unknown gold-bearing veins have been discovered.

In the Tatsamenie Lake area, North American Metals B.C. Inc. tested the Bear zone underground on the Golden Bear property (8) held under option from Chevron Minerals Limited. The program included more than 350 metres of underground workings and extensive diamond drilling and should better define, and possibly improve, the reserves of 1.146 million tonnes averaging 10.6 grams/tonne gold indicated by Chevron's surface drilling.

In the Dome Mountain gold camp (43), Teeshin Resources Ltd./ Canadian United Minerals Inc. are considering further surface and underground drilling on the Boulder Creek and Forks zones, where mineral inventories are reported at 218 000 tonnes grading 15.7 grams gold and 79.5 grams silver per tonne and 90 000 tonnes grading 19 grams gold per tonne respectively.

Southwest of Williams Lake, production at the Blackdome mine (69) began in May at the nominal rate of 180 tonnes per day with start-up reserves of 185 000 tonnes grading 24.7 grams gold and 117.5 grams silver per tonne. Bonanza-type gold mineralization occurs in several strongly developed and continuous high-level epithermal veins cutting felsic to intermediate Eocene subaerial flows and pyroclastic rocks.

Intensive exploration for epithermal and mesothermal gold-bearing veins continues in the Bridge River gold camp. Work by Levon Resources Inc. on the Congress property (114) included diamond drilling, trenching and a decline on the Howard zone to provide better definition of drill-indicated mineralization.

On Vancouver Island, Better Resources Ltd. carried out an extensive diamond-drilling program on its Mount Washington property, including late-season drilling on the Domineer and Murex zones.

A major drill program was started on the Babe property (199) of Consolidated Cinola Mines Ltd. on the Queen Charlotte Islands, following the purchase of a controlling interest in the company by City Resources (Asia) Ltd.

VOLCANOGENIC MASSIVE SULPHIDE DEPOSITS

A second important target is volcanogenic polymetallic massive sulphide mineralization with precious metal values. The commissioning of the H-W mine and mill on Vancouver Island by Westmin Resources Limited, at a cost of $250 million, sparked a major exploration effort in Sicker Group rocks in 1985. Abermin Corporation continued exploration on its Lara property (161) near Chemainus and discovered very high-grade massive sulphide mineralization by surface trenching on the Coronation zone.

Near Adams Lake, Corporation Falconbridge Copper continued drilling at the HN-AR deposit (125), under option from Rea Gold Corporation. Drilling on the Silver zone, discovered late in 1985, outlined extensive stratabound mineralization which is reported by Rea to include 1.02 million tonnes grading 1.4 grams gold and 727.5 grams silver per tonne, 2.89 per cent zinc, 3.20 per cent lead and 1.16 per cent copper. Drilling on the Discovery zone by Rea Gold increased the mineral inventory in the L-97, 98 and 100 lenses to a reported 242 870 tonnes grading 6.5 grams gold and 73.3 grams silver per tonne, 2.25 per cent zinc, 2.14 per cent lead and 0.53 per cent copper. This baritic polymetallic deposit, and the similar Kamad deposit (126) being explored by Esso Minerals Canada, occur in intermediate to felsic Devono-Mississippian metavolcanic rocks of the Eagle Bay Formation.

GOLD-BEARING SKARNS

The economic importance of gold-bearing skarns has been re-emphasized by Mascot Gold Mines Limited's decision to bring its Nickel

Plate mine into production. Gold at Nickel Plate occurs with arsenopyrite and skarn alteration in Upper Triassic sedimentary and volcanic rocks intruded by Jurassic diorites. Pittable reserves at this major deposit are reported at 6.4 million tonnes grading 5.14 grams/tonne gold with a 8.2:1 stripping ratio and a cutoff grade of 1.56 grams/tonne. An additional 2.4 million tonnes grading 5 grams/tonne gold is reported as underground reserves. This famous old property will enter its third generation of production since the turn of the century when the new mine opens in mid-1987.

In the Slocan camp, Esperanza Explorations Ltd. completed a surface and underground drilling and development program on the Tillicum Mountain deposit and shipped 3420 tonnes of ore averaging 27 grams/tonne gold for custom milling.

PORPHYRY GOLD DEPOSITS

Deposits of this type offer possibilities for bulk mining and continue to attract considerable interest throughout the province.

In the Quesnel Lake area Dome Exploration (Canada) Ltd. completed two substantial drill programs on its QR deposit (63). Gold occurs in intensely propylitized Upper Triassic volcanic rocks cut by a coeval and probably comagmatic differentiated high-level alkalic stock.

Trader Resources Corp. continued evaluation of its Yellow Giant property (30) on Banks Island where at least 10 separate gold occurrences are present in faulted panels of deformed and metamorphosed Paleozoic calcareous sediments cut by fractured granitic rocks.

In the Slocan, Northair Mines Ltd. carried out a major two-stage underground exploration program on the Willa property (95) where gold is found in silicified porphyries and highly propylitized, probably coeval volcanic rocks and intrusive breccias of the Lower Jurassic Rossland Group.

In the Harrison Lake area, Kerr Addison Mines Limited continued drilling on the RN property (195). Gold occurs in quartz veins cutting Tertiary quartz diorite. Late-season drilling may be followed by underground exploration.

MANTO DEPOSITS

High-grade silver-lead-zinc replacement deposits, that have been compared by some to the Mexican manto deposits, have also been a target. The Midway deposit (9) consists of laterally continuous pipes of replacement mineralization along the contact between Devonian carbonate rocks and an overlying shale sequence. Grades average 18 per cent combined lead and zinc and 530 grams/tonne silver.

INDUSTRIAL MINERALS

On the industrial minerals scene, Cominco Ltd. conducted a major exploration program on the Aley niobium-bearing carbonatite deposit (68) east of Williston Lake. Cassiar Mining Corporation spent in excess of $4 million on underground exploration of its McDame deposit (11) which is estimated to contain 62 million tonnes of high-grade asbestos ore. In the extreme northwest corner of the province, Queenstake Resources Ltd. entered into a joint venture with Haines Gypsum Inc. to explore the O'Connor Gypsum deposit (2). Drill-indicated reserves are 25 million tonnes of high-grade gypsum suitable for wallboard applications.

COAL

In coal exploration, Gulf Canada Resources Ltd. carried out extensive drilling and surface surveys on the Klappan anthracite deposits (54). A second adit was completed and a 40 000-tonne trial shipment was made through Stewart to the South Korean market. This large project is poised for development.

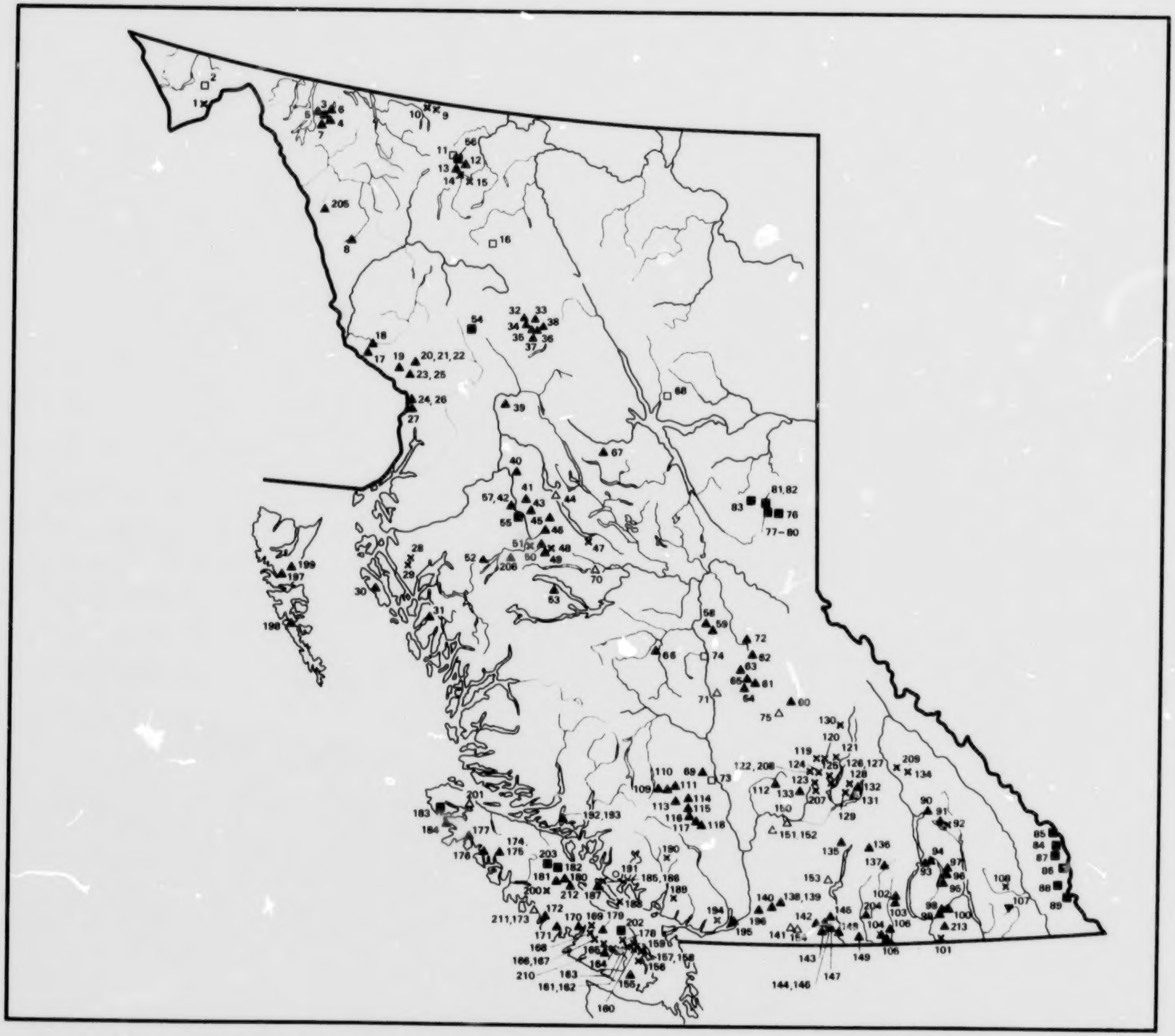
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Figure A2. Selected exploration and development projects in British Columbia, 1986 (✖ = polymetallic project; ▲ = precious metal project; △ = base metal project; ■ = coal; ▼ = placer; ○ = other).

TABLE A1. EXPLORATION AND DEVELOPMENT IN BRITISH COLUMBIA, 1986
(Map numbers are keyed to Figure A2)

Map No.	Property/MINFILE Name (Owner/Operator)	Inventory No.	Mining Division	NTS	Lat.	Long.	Commodity	Deposit Type	Work Done; Remarks; Assessment Report No.
NORTHWESTERN DISTRICT									
1	Low Jarvis, Low Herbert, Grizzly Heights (Mt. Henry Clay) (Stryker Resources)	114P-071, 064,068	Atlin	114P/7E, 7W,8W	59°20'	136°35'	Ag,Au,Cu, Pb,Zn,Ba	volcanogenic massive sulphide	9 ddh, >1500 m; mapping and prospecting
2	O'Connor Gypsum (Queenstake Resources)	114P-005	Atlin	114P/10E	59°38'	136°43'	gypsum	evaporite	8 ddh, 691 m; sampling and mapping
3	Yellowjacket (Homestake Mineral Development)	104N-043	Atlin	104N/12E	59°35'	133°33'	Au	vein (listwanitic)	14 ddh; airborne and ground geophysics; mapping and prospecting
4	Shuksan (Spruce Creek) (Placer Development)	104N-098	Atlin	104N/11W	59°34'	133°28'	Au	vein	17 ddh, approx. 1070 m; ground VLF-EM and mag. surveys
5	Red Jacket (Utopia) (Gallant Gold Mines)	104N-075	Atlin	104N/12E	59°35'	133°35'	Au	vein	6 ddh, 820 m; ground mag. and VLF-EM surveys
6	Lakeview/Ruby Mtn. (Cream Silver Mines)	104N-009, 006	Atlin	104N/11W	59°40'	133°25'	Au,Ag,Pb, Zn,Sn,W	vein	15 ddh, approx. 1830 m; ground mag. survey
7	McKee Creek (Perron Gold Mines)		Atlin	104N/12E	59°28'	133°32'	Au	vein	5 ddh, 701 m; ground mag. survey
8	Muddy Lake (Golden Bear) (North American Metals B.C./ Chevron Minerals)	104K-079	Atlin	104K/1W	58°13'	132°17'	Au,Ag	vein	14 surface ddh, 1457 m; 23 underground ddh; >465 m of underground development in progress; reported drill-indicated reserves, 1.15 x 10^6 t @ 10.6 grams/t
9	Midway (Strathcona Mineral Services/Nanisivik Mines/Mineral Resources International/Regional Resources)	104O-038	Liard	104O/16E, 16W	59°55'	130°15'	Ag,Pb,Zn, Ba	manto	11 ddh, 2182 m; 8 reverse circulation drill holes, 886.8 m; mag. and surface PEM surveys; soil geochem.; reported drill-indicated reserves, 1.185 x 10^6 t @ 410 grams/t Ag, 9.6% Zn, 7.0% Pb
10	Silverknife 1, 2 (Reg Resources)	104O-042	Liard	104O/16W	59°56'	130°22'	Ag,Pb,Zn	vein	3 ddh, >300 m
11	McDame (Cassiar Mining)	104P-084	Liard	104P/5E	59°20'	129°35'	asbestos	ultramafic	underground development, 547 m; 21 ddh, approx. 3450 m; 2000 m more drilling planned; reported reserves, 62 x 10^6 t

12	Taurus (Taurus Resources)	104P-012	Liard	104P/5E	59°20'	129°35'	Au,Ag	vein	underground development, 414 m; 21 ddh, 1208 m
13	Cordoba, Vollaug (Erickson Gold)	104P-070, 019	Liard	104P/4E, 5E	59°15'	129°37'	Au,Ag	vein	100 ddh, 11 348 m; trenching; geological mapping
14	Needlepoint Mtn., Rich (Colony Pacific Explorations)	104P-046	Liard	104P/4W	59°08'	129°47'	Ag,Pb,Zn	manto?	2 ddh; soil geochem.; geological mapping
15	Eagl (Casau Exploration)	104I-073	Liard	104P/3W	59°04'	129°28'	Zn,Sb,Pb, Cu	massive sulphide	6 ddh, >300 m; mag., VLF-EM and IP surveys
16	Jadex (Mohawk Oil Co.)	104I-078	Liard	104I/15	58°35'	128°	Jade		drilling; trenching; road work
17	Johnny Mtn. (Reg) (Skyline Explorations)	104B-107	Liard	104B/11E	56°37'	131°02'	Au,Ag,Cu	vein	development, 503 m; 21 surface ddh, 1154 m; 6 underground ddh, 241 m; airstrip, 762 m
18	Snip (Delaware Resources Corp.)	104B-023	Liard	104B/11	56°41'	131°05'	Au,Ag,Zn, Cu	vein	13 ddh, 1495 m; soil goechem.; geological mapping; trenching
19	Doc (Magna Ventures)	104B-015?	Skeena	104B/8W	56°21'	130°28'	Au,Ag,Pb	vein	10 ddh, 915 m; proposed underground development
20	Kerr (Cassiar Mining)	104B-100	Skeena	104B/8E	56°28'	130°16'	Au,Ag	vein	drilling; trenching; geochem.
21	Sulphurets (Newhawk Gold Mines/ Lacana Mining)	104B-118	Skeena	104B/8E, 9E	56°30'	130°13'	Ag,Au	vein	427 m underground development; 47 ddh, 6098 m; surface mapping; drill-indicated reserves, 513 250 t @ 11.0 grams/t Au, 722.0 grams/t Ag
22	Gold Wedge (Catear Resources)	104B-105	Skeena	104B/8E	56°28'	130°10'	Au,Ag	vein	15 ddh, 793 m; blasting
23	Tide (Tenajon Silver)	104B-033?	Skeena	104B/8E	56°15'	130°05'	Au,Ag,Pb, Zn	vein	2 ddh, 454 m
24	Big Missouri (Westmin Resources)	104B-046	Skeena	104B/1E	56°08'	103°03'	Ag,Au		61 ddh, 2287 m; reported reserves, 2.226 x 10^6 t @ 2.57 grams/t Au, 32.6 grams/t Ag
25	Tennyson (Consolidated BRX Mining & Petroleum)		Skeena	104B/8E	56°16'	130°10'	Au,Ag	vein	6 ddh, 915 m
26	Silver Butte (Tenajon Silver)		Skeena	104B/1E	56°06'	130°02'	Ag,Au,Cu	vein	4 ddh; attempted to collar portal
27	Silbak Premier (Westmin Resources)	104B-054	Skeena	104B/1E	56°03'	130°00'	Au,Ag,Cu, Pb,Zn	epithermal	41 ddh, 5549 m; more surface and underground drilling proposed; reported reserves, 5.71 x 10^6 t @ 2.06 grams/t Au, 86.4 grams/t Ag

TABLE A1. EXPLORATION AND DEVELOPMENT IN BRITISH COLUMBIA, 1986 (CONTINUED)
(Map numbers are keyed to Figure A2)

Map No.	Property/MINFILE Name (Owner/Operator)	Inventory No.	Mining Division	NTS	Lat.	Long.	Commodity	Deposit Type	Work Done; Remarks; Assessment Report No.
NORTHWESTERN DISTRICT (CONTINUED)									
28	Ecstall (Falconbridge)	103H-011	Skeena	103H/13E	53°52'	129°31'	Cu,Zn,Pb, Ag,Fe	massive sulphide	5 ddh, 915 m; Max-Min, VLF-EM and mag. surveys; soil and silt geochem.; geological mapping
29	Red, Cart, Ecstall (Noranda)		Skeena	103H/13E	53°55'	129°32'	Cu,Zn,Pb, Ag	massive sulphide	airborne and ground EM surveys; geological mapping; prospecting
30	Yellow Giant (Trader Resources)	103G-009	Skeena	103G/8W	52°22'	130°09'	Au	vein	diamond drilling, 12 195 m; road construction; geophysics; reported reserves, Tel zone, 193 300 t @ 8.91 grams/t Au, 5.49 grams/t Ag
31	Surf Inlet (Trader Resources)	103H-027	Skeena	103H/2W	53°05'	128°53'	Au,Ag	vein	surveys; sampling of dumps and tailings
32	Al (Energex Minerals)	94E-091	Omineca	94E/6W	57°28'	127°23'	Au	vein	83 ddh, 3683 m; trenching; soil geochem. and IP surveys
33	Mets (Manson Creek Resources)	94E-093	Omineca	94E/6E	57°26'	127°08'	Au,Ag	vein	20 ddh, 1652 m; trenching
34	Metsantan (Lacana Mining)		Omineca	94E/6E	57°18'	127°04'	Au,Ag	vein	5 ddh, 616 m
35	Moosehorn (Cyprus Metals Canada)	94E-086	Omineca	94E/6E, 7W	57°20'	127°00'	Au,Ag	vein	12 ddh, 1067 m; soil and stream geochem.; trenching; geological mapping
36	Lawyers (Serem)	94E-066	Omineca	94E/6E	57°20'	127°12'	Au,Ag	epithermal	considering 500 t/day production decision; reported reserves, 941 000 t @ 7.2 grams/t Au, 260 grams/t Ag
37	Baker (Chapelle) (Multinational Resources)	94E-026	Omineca	94E/6E	57°17'	127°08'	Au,Ag	vein	23 ddh, 1920 m
38	Golden Neighbour (Lacana Mining)	94E-037	Omineca	94E/6E	57°18'	127°04'	Au,Ag	vein	5 ddh, 605 m
39	Goodridge & Bish (Tommy Jack) (Noranda Exploration)	94D-031, 036	Omineca	94D/4E	56°08'	127°36'	Ag,Pb,Zn	vein	10 ddh, 762 m; mag. survey

40	Skilokis/Blunt Mtn. (Noranda/Atna Resources)	93M-026	Omineca	93M/3E, 3W	55°14'	127°15'	Ag,Au	vein	3 ddh; geological mapping; geochem. and mag. survey
41	Silver King (Silver Hill Mines)	93L-201	Omineca	93L/15W	54°55'	126°53'	Ag,Au	vein	drifting, 15 m; stoping, 6 m
42	Mamie (Consolidated Silver Standard Mines)	93L-091	Omineca	93L/14W	54°47'	127°21'	Ag,Au	vein	soil geochem.; mapping; prospecting; mag. and VLF-EM surveys
43	Dome Mountain (Canadian United Minerals)	93L-023, 022	Omineca	93L/10, 15E	54°44'	126°37'	Ag,Au	vein	>60 ddh, >5000 m; trenching; soil geochem.
45	Topley (Bishop Resources Development)	93L-018	Omineca	93L/9E	54°32'	126°13'	Ag,Cu,Pb, Zn,Au	vein	26 ddh, 5266 m; soil geochem.; geological mapping
46	Bornite (Perow) (Equity Silver Mines)	93L-012	Omineca	93L/8W	54°30'	126°25'	Cu,Ag	vein	5 ddh, 624 m; geological mapping; trenching
47	Silver Fox (Imperial Metals)	93K-026	Omineca	93K/6W	54°24'	125°25'	Au,Pb,Zn, Cu	massive sulphide	6 ddh
48	Equity Silver (Sam Goosly) (Equity Silver Mines)	93L-001	Omineca	93L/1W	54°10'	126°15'	Ag,Cu,Au, Sb	transitional	79 ddh, 14 416 m; trenching
49	Sam (Faraway Gold Mines)	93L-260	Omineca	93L/1W	54°10'	126°19'	Ag,Cu	disseminated	percussion and diamond drilling
50	Goosly Lake (Normine Resources)		Omineca	93L/1W	54°11'	126°22'	Au,Ag	disseminated	22 percussion drill holes, 1327 m; geochem.
51	Irk, Rose (E. Westgarde)	93L-265	Omineca	92L/2E	54°12'	126°35'	Cu,Pb,Zn		6 percussion drill holes, 390 m
52	New Moon (Newmont Exploration)		Omineca	93E/13E, 13W	53°57'	127°45'	Pb,Zn,Au, Ag	vein	17 ddh, 1529 m; trenching; detailed mapping; mag. and resistivity surveys
53	Duk (Asitka Resource)		Omineca	93E/9E, 12W	53°38'	126°00'	Au,Ag	vein	3 Winkie ddh, 77.7 m
54	Klappan (Gulf Canada Resoures)		Liard	104H/1,2, 3,6,7,8, 9,10,11			coal (anthracite)		drilling; trenching; borehole geophysics; adit; 40 000 t test shipment
55	Telkwa (Crows Nest Resources)		Omineca	93L/11E	54°35'	127°08'	coal		4 ddh
205	Thorn (American Reserve Mining)	104K-018	Atlin	104K/10W	58°33'	132°48'	Ag,Au,Cu	vein	8 ddh, 787 metres
206	Silver Queen (Houston Metals)	93L-002	Omineca	93L/2E	54°05'	126°44'	Au,Ag,Cu, Zn,Pb,Cd, Ba,Ga,Ge	vein	underground rehabilitation on Earl adit and 2600 level; 22-metre adit on No. 5 vein and crosscut started to No. 2 vein
CENTRAL DISTRICT									
58	G (Gabriel Resources)	93G-004, 007,008	Cariboo	93G/1E	53°10'	122°20'	Au	massive sulphide	geophysics; 30 ddh, >3300 m

TABLE A1. EXPLORATION AND DEVELOPMENT IN BRITISH COLUMBIA, 1986 (CONTINUED)
(Map numbers are keyed to Figure A2)

Map No.	Property/MINFILE Name (Owner/Operator)	Inventory No.	Mining Division	NTS	Lat.	Long.	Commodity	Deposit Type	Work Done; Remarks; Assessment Report No.
CENTRAL DISTRICT (CONTINUED)									
59	MC, Mastt (Pundata Gold)	93G-025, 026	Cariboo	93G/1E	53°03'	122°04'	Au	massive sulphide	IP survey; 19 ddh, >1800 m
60	Frasergold (Eureka Resources)	93A-150	Cariboo	93G/7E	52°20'	120°35'	Au	gold in phyllites	diamond drilling; reverse circulation drilling; trenching; drill-indicated possible reserves, 3.6 x 10^6 t @ 3.1 grams/t Au
61	CPW (Mt. Calvery Resources)	93A-061, 141	Cariboo	93A/12E	52°35'	121°27'	Au	gold in phyllites	trenching
62	Cariboo, Hudson (Imperial Metals)	93A-071	Cariboo	93A/14W	52°54'	121°21'	Au	quartz vein	diamond drilling, >2100 m
63	QR (Dome Exploration Canada)	93A-040, 041	Cariboo	93A/12W	52°40'	121°47'	Au	transitional	diamond drilling, >9200 m
64	Cariboo-Bell (E&R Explorations)	93A-008	Cariboo	93A/12E	52°33'	121°39'	Au,Cu	transitional	21 ddh
65	Bullion Lode (Dome Exploration Canada)	93A-032	Cariboo	93A/12E	52°37'	121°41'	Au	transitional	5 ddh
66	Bob (Lac Minerals)	93B-054	Cariboo	93B/13E	52°55'	123°37'	Au,Ag	epithermal	21 ddh; IP survey
67	Takla (Imperial Metals)	93N-082	Omineca	93N/11W	55°39'	125°17'	Au	vein	17 ddh; geochem.
68	Aley (Cominco)		Omineca	94B/5W	56°27'	123°40'	Nb	carbonatite	diamond drilling, >1400 m; trenching, 1500 m; geophysics
NORTHEASTERN DISTRICT									
76	Shikano (Quintette Coal)			93I/14E	54°59'	121°01'	coal		31 rdh, 3653 m
77	Hermann Gething (Quintette Coal)			93I/14E	54°59'	121°01'	coal		37 rdh, 3360 m; 1 ddh, 81 m; geologic mapping and trenching; 15-t bulk sample
78	South Gething (Quintette Coal)			93I/14E	54°59'	121°10'	coal		1 ddh, 203 m; geologic mapping
79	Transfer (Quintette Coal)			93I/14E, 93P/3E	55°00'	121°06'	coal		7 ddh, 952 m (includes 1 redrill)
80	Grizzly (Quintette Coal)			93I/14E, 93P/3E	55°00'	121°04'	coal		2 ddh, 268 m (includes 1 redrill)

81	Wolverine (Quintette Coal)			93P/3E	55°04'	121°11'	coal		1 ddh, 145 m
82	Mesa Extension (Quintette Coal)			93P/3E	55°02'	121°12'	coal		4 ddh, 942 m; 97 rdh, 20 465 m tabulated as development drilling but includes holes outside pit boundary
83	Bullmoose (South Fork) (Teck Corp.)			93P/4E	55°07'	121°31'	coal		180 rdh, 5670 m development drilling
SOUTHEASTERN DISTRICT									
84	Greenhills (K-pit Extension) (Fording Coal)			82J/2W	50°12'	114°55'	coal		6 rdh, 1295 m; geological mapping
84	Greenhills (South) (Fording Coal)			82J/2W	50°09'	114°54'	coal		7 rdh, 2078 m; geological mapping
84	Greenhills (West Face) (Fording Coal)			82J/2W	50°12'	114°57'	coal		geological mapping
84	Castle Mountain (Fording Coal)			82J/2W	50°10'	114°49'	coal		geological mapping
84	Eagle Mountain (Fording Coal)			82J/2W	50°12'	114°50'	coal		3 ddh, 1218 m (geotechnical); 1 rdh, 268 m
84	Mount Turnbull (Fording Coal)			82J/2W	50°13'	114°51'	coal		2 rdh, 496 m; geological mapping
85	Aldridge Creek (Fording Coal)			82J/7W	50°19'	114°54'	coal		4 rdh, 787 m; geological mapping
86	Line Creek (Lower South Pit) (Crows Nest Resources)			82G/15W	49°56'	114°46'	coal		64 rdh, 6300 m
87	Burnt Ridge Extension (Crows Nest Resources)			82J/2W	50°05'	114°49'	coal		2 NQ ddh, 502 m; geological mapping
87	Greenhills (North) (Westar)			82J/2W	50°08'	114°53'	coal		56 rdh, 9407 m
87	Greenhills (West Face) (Westar)			82J/2W	50°07'	114°53'	coal		26 rdh, 2340 m; geotechnical survey; trenching
87	Burnt Ridge Extension (Westar)			82J/2W	50°05'	114°50'	coal		geotechnical survey; trenching
WEST KOOTENAY DISTRICT									
90	Goldfinch (Windflower Mining/ Granges Exploration)	82K/NW-076	Revelstoke	82K/13E	50°49'	117°32'	Au,Ag	vein	diamond drilling, 4500-6100 m; AR 9137, 11267, 12895, 13920
91	Wagner (Mikado Resources/ Turner Energy)	92K/NW-212	Slocan	82K/11E	50°40'	117°12'	Ag,Pb,Zn, Cu,Au,Cd	vein	drifting, 14.3 m; raise, 10.7 m; 7 underground ddh

TABLE A1. EXPLORATION AND DEVELOPMENT IN BRITISH COLUMBIA, 1986 (CONTINUED)
(Map numbers are keyed to Figure A2)

Map No.	Property/MINFILE Name (Owner/Operator)	Inventory No.	Mining Division	NTS	Lat.	Long.	Commodity	Deposit Type	Work Done; Remarks; Assessment Report No.
WEST KOOTENAY DISTRICT (CONTINUED)									
92	Abbott (Mikado Resources/ Turner Energy)	82K/NW-056	Slocan	82K/11E	50°38	117°09'	Ag,Pb,Zn, Cu,Cd,Au	replacement	portal rehabilitation; 152-m strike length diamond drilled
93	Tillicum (Experanza Explorations)	82F/NW-234	Slocan	82F/13E	49°59'	117°44'	Au,Ag,Pb, Zn	vein	surface diamond drilling, 611 m; underground diamond drilling, 171 m; drifting, 115.5 m; AR 12269 (see also Table A2)
94	Cariboo 3-4 (A. Strebchuk)		Slocan	82F/13E	49°58'	117°40'	Au,Ag	vein	portal construction drifting, 7 m; AR 12355
95	Willa (BP Canada, Rio Algom/Northair Mines)	82F/NW-071	Slocan	82F/14W	49°53'	117°22'	Au,Cu,Ag	diatreme	underground diamond drilling, 5233 m; drill-indicated reserves, West zone, 849 400 t @ 5.49 grams/t Au, 0.82% Cu; Willa zone, 3.4 x 10^6 t @ 1.48 grams/t Au, 4.8 grams/t Ag, 0.32% Cu
96	LH (Andaurex Resources/ Noranda Exploration)		Slocan	82F/14W	49°53'	117°20'	Au,Ag,As, Cu	vein	diamond drilling by Noranda; AR 14135
98	Star (Ryan Exploration)	82F/SW-083	Nelson	82F/6W	49°27'	117°21'	Au,Ag,Cu	breccia?	reverse circulation drilling, 762 m
99	Referendum (T. Cherry)	82F/SW-177	Nelson	82F/6W	49°25'	117°23'	Au,Ag	vein	surface trenching; diamond drilling; AR 10239
100	Kena (O. Janout/Lacana Mining)	82F/SW-273	Nelson	82F/6W	49°25'	117°16'	Au,Ag,Cu	vein	diamond drilling, 3049 m; AR 14023
101	Red Bird (Golden Eye Minerals)	82F/SW-024	Nelson	82F/3W	49°01'	117°23'	Pb,Zn	replacement	6 NQ ddh, 2692 m; AR 14960
102	Platinum Blonde (Suma Ventures/ Longreach Resources)	82E/NE-009	Greenwood	82E/9W	49°34'	118°21'	Au,Ag,Cu, Pb,Zn,Pt	vein	diamond drilling, 1280 m; further 1524 m planned; AR 3717
103	Union (Sumac Ventures)	82E/NE-003	Greenwood	82E/9W	49°34'	118°21'	Cu,Pb,Zn, Ag,Au	vein	surface diamond drilling, 610 m; underground rehabilitation
104	Skylark (Skylark Resources/ Viscount Resources)	82E/SE-011	Greenwood	82E/2E	49°05'	118°38'	Ag,Au	vein	decline, 178 m; crosscut, 9.1 m; drifting, 54.9 m; raise, 15.2 m; reverse circulation drilling, 427 m; AR 11757

105	Golden Crown/Winnipeg (Consolidated Boundary Exploration)	82E/SE-032	Greenwood	82E/2E	49°04'	118°35'	Au,Ag,Cu	vein	diamond drilling; AR 8851
106	Hek, Hel (Consolidated Boundary Exploration)	82E/SE-179	Greenwood	82E/1W	49°12'	118°28'	Au,Ag	massive sulphides	AR 13546
107	PL 1773 and PL 1775 (Queenstake Resources)		Fort Steele	82F/8E	49°23'	116°01'	Au	placer	excavation to bedrock, 15.2 m
213	Nugget (Gunsteel Resources)	82F/SW-040	Nelson	82F/3E	49°10'	117°07'	Au,Ag	vein	drifting; underground diamond drilling; reserves, 34 580 t and 18 200 t grading 6.8 to 14 g/t Au
SOUTH-CENTRAL DISTRICT									
109	Tyaughton Trough, Hon/Chilcotin (Cominco/Esso Resources Canada)	930-011	Clinton	920/3W	51°08'	123°29'	Au	epithermal	soil geochem.; VLF-EM and mag. surveys; 1:5000 mapping; trenching
110	An, Bluff/Battlement Creek, Taylor-Windfall (Esso Resources Canada)	920-005, 028,063	Clinton	920/3E	51°06'	123°20'	Au,Ag,Cu, Pb,Zn, talc	epithermal	soil geochem.; VLF-EM and mag. surveys; 1:5000 mapping; trenching; drilling proposed
111	Big Creek (Esso Resources Canada)		Clinton	920/3E	51°11'	123°08'	Au	epithermal	soil geochem.; VLF-EM and mag. surveys; 1:5000 mapping; trenching
112	Precisely/Sem, RL (Inter-Pacific Resources/Placer Development)	92P-141	Clinton	92P/2W	51°07'	120°48'	Au	replacement, disseminated	22 ddh, Bridge zone (up to 4.5 g/t Au over 6.1 m, 24.7 g/t Au over 0.6 m); geophysics; drilling new target
113	Pilot/Mt. Penrose, ASB, PH (X-Cal Resources/Manitou Contracting)	92J/NE-070	Lillooet	92J/15W	50°51'	122°56'	Au	vein	drilling in progress testing 2 targets; de-watering, sampling and mapping underground
114	Congress (Levon Resources, Veronex Resources)	92J/NE-029	Lillooet	92J/15W	50°54'	122°47'	Au,Ag, (Sb,Cu, Pb,Hg)	vein and replacement	16 ddh, 2591 m, Lou zone; 5 ddh, Extension zone; commencing underground work; drill-indicated reserves, 607 50[illegible] t @ 8.3 grams/t Au
115	BRX/Whynot, Forty Thieves and others (Levon Resources/Congress Operating Corp.)	92J/NE-021-026	Lillooet	92J/15W	50°50'	122°50'	Au (W, Mo,Ag,Cu, Zn)	vein and replacement	soil geochem.; trenching; 7 major veins; several new Au anomalies; 2 ddh, 297 m; AR 7949

TABLE A1. EXPLORATION AND DEVELOPMENT IN BRITISH COLUMBIA, 1986 (CONTINUED)
(Map numbers are keyed to Figure A2)

Map No.	Property/MINFILE Name (Owner/Operator)	Inventory No.	Mining Division	NTS	Lat.	Long.	Commodity	Deposit Type	Work Done; Remarks; Assessment Report No.
SOUTH-CENTRAL DISTRICT (CONTINUED)									
116	Pacific Eastern/Mix, Pioneer Extension (JTM Enterprises/ Normine Resources)	92J/NE-005,009	Lillooet	92J/10E, 15W	50°45'	122°45'	Au,Ag	vein and replacement	2 ddh, 1446 m; soil and rock geochem.; AR 2803, 2874, 3179, 3829, 4597, 22264
117	Standard/Standard, Royal (Armeno Resources/ Trans-Atlantic Resources)	92J/NE-015,014	Lillooet	92J/10E	50°42'	122°37'	Au,Cu,Pb, Zn,W	vein	18 ddh, 2200 m; IP, VLF-EM, mag. surveys; soil geochem.; mapping; 3 trenches; AR 8001, 8878
118	X-Cal Anderson Lake/ Brett, National, Diorite, Gold Hill (X-Cal Resources)	92J/NE-079,080, 081	Lillooet	92J/9W, 10E	50°33'	122°26'	Au	vein	drilling program in progress, 1525 m; quartz veins uncovered by trenching
119	Water/Sonja 2, CW (Newmont Exploration)	92P-049, 82M-159	Kamloops	92P/9E, 82M/12W	51°38'	120°07'	Ag,Pb,Zn, Cu,Au	disseminated	2 ddh, 200 m; AR 6862, 7575
120	Hall, Harper Creek/ Goof, Sue, Hall (Quebec Cartier Mining/Aurun Mines)	82M-007, 009	Kamloops	82M/12W	51°32'	120°03'	Au,Ag,Cu, Mo,Ti	volcanogenic?	trenching; geological mapping; resampling old core; geophysics; bench tests to assess precious metal and rutile potential; existing reserves, 53 x 10^6 t grading 0.37% Cu, 0.016% MoS_2
121	Reg/Esp, Reg, Rob, Vav, Sonia (Newmont Exploration)	82M-121, 122,151, 152,158	Kamloops	82M/12E	51°36'	119°34'	Cu,Au	disseminated/ massive sulphides	2 ddh, 260 m; AR 6862, 12465
122	Chu Chua/CC, Chu Chua (Corp. Falconbridge Copper)	92P-140	Kamloops	92P/1,8E	51°22'	120°02'	Cu,Au,Zn, Ag,Co, talc, magnetite	volcanogenic massive sulphide	8 ddh, 937 m; max-min survey; lithogeochem.; mapping; prospecting; AR 10940, 10957, 10958
123	Bar (CC, CH, SC, Anna) (Corp. Falconbridge Copper)	82M-059	Kamloops	82M/4W,5W, 92P/8E	51°15'	120°00'	Cu,Pb,Zn, Au,Ag	volcanogenic massive sulphide	7 ddh, 1027 m; mapping; soil geochem.; max-min survey; AR 13067, 13194
124	Birk Creek, R.C., Laranger Group, Samco Group/C-C, Anaconda, Fortuna, Percy, Broken Ridge, May (A. Babij, J. Roberts, Noranda Exploration)	82M-067, 059,070-072,130, 131,219	Kamloops	82M/5W	51°21'	119°56'	Cu,Ag,Au, Pb, Zn	volcanogenic	IP survey; geochem.; 4 ddh, 2 in progress; AR 6802, 6879 and others

125	Rea, HN (Corp. Falconbridge Copper)	82M-191	Kamloops	82M/4W	51°10'	119°47'	Cu,Pb,Zn, Au,Ag (Ba)	volcanogenic massive sulphide	31 ddh, 5860 m
126	Kamad/Acacia (Esso Resources Canada)	82M-075	Kamloops	82M/4W	51°08'	119°50'	Pb,Zn,Au, Ag	volcanogenic massive sulphide	11 ddh, 1814 m; 1:2500 mapping; gravity and EM surveys; trenching; AR 12540
127	Twin (Apex Energy/ Lincoln Resources)	82M-020	Kamloops	82M/4W	51°08'	119°47'	Cu,Pb,Zn, Au,Ag	volcanogenic massive sulphide	geology; geophysics; geochem. (now optioned to Esso Resources Canada)
128	Pisima Mtn., Goldfinger, Lode, Gold Pan, MN, Gold Flake (Camber Exploration/ Killick Gold)		Kamloops	82M/3W, 4E	51°06'	119°31'	Cu,Pb,Zn, Au,Ag	volcanogenic	road construction; AR 13304
129	Bowler Creek, Mosquito King/BC, CU (Killick Gold)	82M-138, 139	Kamloops	82M/3W,4E	51°00'	119°30'	Au,Ag,Pb, Zn,Cu,Mo, Cd	volcanogenic massive sulphide	3630 t ore hauled to mill; road construction; AR 5132, 11264 and others
130	CK/CK, Main, Boulder, New Mist, North, Raft, Synform, North Star (A. Horne/Verdstone Gold, Rea Gold)	82M-137, 224-228	Kamloops	82M/13E	51°48'	119°35'	Zn,Pb,Cu	stratiform	prospecting; linecutting; trenching; access roads; drill-indicated reserves, 1.49 x 10^6 t @ 8.6% Zn, 1.4% Pb, 8.6 grams/t Ag; AR 8317 and others
131	Scotch (Armour Development/ Nexus Resource Corp.)		Kamloops	82L/14W	50°58'	119°25'	Au	volcanogenic Fe formation	diamond drilling; IP surveys; geological mapping; trenching
132	Silver Lichen/Red, Fir, Jim, Mike (Killick Gold)	82M-154, 164,208 210	Kamloops	82M/3W	51°05'	119°24'	Pb,Zn,Au, Ag,Mn,Fe	volcanogenic sulphides and Au-bearing Fe formation	road construction to haul high grade to Bowler Creek mill; AR 11253, 12848, 13760 and others
133	Bonaparte/AJS, Rave (Minequest Exploration Associates)	92P-050	Kamloops	92I/16W, 1W,2E	51°00'	120°25'	Au,Mo,Cu	epigenetic veins	20 ddh, 760 m, includes 11 holes on Crow vein, remainder on other veins in same system; soil, silt and rock geochem.; trenching; estimated reserves on Crow vein, proven and probable, 10 000 tonnes @ 21 g/t Au
134	J & L Prospect, Sam, Tom, Burke/Standard, Roseberry (Pan American Minerals/ Noranda Exploration)	82M-003, 091,099	Revelstoke	82M/8E	51°17'	118°08'	Ag,Pb,Zn, Au,As,Te	sedex (?)	underground mapping; bulk sampling; metallurgical testing; drill indicated reserves, 3.37 x 10^6 t @ 5.8 grams/t Au, 59.0 grams/t Ag, 2.15% Pb, 4.04% Zn; AR 10939, 10664, 12616

TABLE 1A. EXPLORATION AND DEVELOPMENT IN BRITISH COLUMBIA, 1986 (CONTINUED)
(Map numbers are keyed to Figure A2)

Map No.	Property/MINFILE Name (Owner/Operator)	Inventory No.	Mining Division	NTS	Lat.	Long.	Commodity	Deposit Type	Work Done; Remarks; Assessment Report No.
SOUTH-CENTRAL DISTRICT (CONTINUED)									
135	Brett/Brett (Huntington Resources/ W. Gruenwald)	82L/SW-110	Vernon	82L/4E, 5E	50°14'	119°34'	Au,Ag	vein and replacement	16 ddh, 792.5 m; AR 13471, 13469,
136	Lumby/Chaput (Quinto Mining Group)	82L/SE-006	Vernon	82L/7W	50°16'	118°56'	Au,Ag,Pb, Zn,Mo	vein in shears	detailed drilling program, 33 ddh, approx. 8500 m in 1985-1986; soil geochem.; VLF-EM and mag. surveys; 289 line-km airborne geophysics; AR 6954
137	Top (Brican Resources)		Vernon	82L/2E	50°04'	118°32'	Au,Ag	epithermal	8 ddh, 600 m; geophysics; dropped option
138	Rabbitt (H. Adam/Abermin)		Similkameen	92H/10W	49°35'	120°48'	Cu,Pb,Zn, Au,Ag	vein	trenching; VLF-EM and mag. surveys; soil and rock geochem.; optioned to Calais Resources, operated by Searchlight Resources; drilling continuing in 1987
139	Gold Mount/Rabbitt (Monica Resources, Eagle Resources, Mt. Grant Mines/ Strato Geological Engineering)	92H/NE-014	Similkameen	92H/10W	49°33'	120°54'	Au,Ag,Cu, Pb,Zn	veins in shears	drilling in progress, testing extension of Rabbitt mine vein
140	Treasure Mtn., Silver Group, Hill, Vale/ Silver Chief, Eureka, Southern (Huldra Silver)	92H/SW-016,018, 019	Similkameen	92H/6E	49°25'	121°03'	Ag,Pb,Zn (Sb,Cd, Mn)	vein in shear	8 ddh, 940 m; trenching exposed vein for 220 m; AR 7463, 9152
141	Whipsaw Creek/Whipsaw, Metestoffer (Worldwide Minerals/ R.M. Huff, Lone Jack Resources)	92H/SW-097	Similkameen	92H/7E	49°16'	120°43'	Cu,Pb,Zn	vein, breccia	trenching, 550 m; 8 ddh, 940 m; soil geochem.; AR 2802, 4170, 5491
142	Pine Knot/Maple Leaf (Banbury Gold Mines, Noranda Exploration)	92H/SE-046	Similkameen/ Osoyoos	92H/8E	49°21'	120°08'	Au,Cu,Pb, Zn,Ag	vein, breccia, skarn	diamond drilling; v.g. in some holes (12 to date); AR 8057
143	Hedley Tailings (One-way Adventure Foundation/Candorado Mines)		Osoyoos	92H/8E	49°20'	120°05'	Au	tailings from Nickel Plate mine	metallurgical testing; drilling; feasibility studies; reserves 1 525 000 tonnes (dry) @ 1.4 grams/t Au; heap leaching planned

144	Nickel Plate (Mascot Gold Mines)	92H/SE-038,062	Osoyoos	92H/8E	49°22'	120°02'	Au,Ag,Cu (As,Co)	skarn/ replacement	78 ddh, 9334 m, includes open-pit development, exploration and site testing; start-up April 1987
145	Cahill (Consolidated Sea Gold/ Banbury Gold Mines)		Osoyoos	92H/8E	49°23'	120°00'	Au	skarn	4 ddh, 610 m to date; drilling ongoing
146	Canty/Canty (Golden North Resource Corp.)	92H/SE-060,064	Osoyoos	82E/5, 92H/8	49°22'	120°00'	Au,Ag,Cu, Bi,Mo	skarn	diamond drilling; drill-indicated reserves, 690 000 t @ 3.7 grams/t Au; AR 8786, 8787
147	Star of Hope/Yunimen 1 (K. George/Shangri-la Minerals)	82E/SW-051	Osoyoos	82E/5W	49°19'	119°49'	Au	breccia	diamond drilling; trenching;
148	Stemwinder (Highland Valley Resources-Asarco)	82E/SW-007	Osoyoos	82E/4E	49°12'	119°37'	Au,Ag,Pb, Zn,Cu	vein	underground exploration; drill-indicated reserves, Main vein, 640 000 t @ 3.8 grams/t Au, 51.4 grams/t Ag; North veins, 185 000 t @ 9.2 grams/t Au, 103 grams/t Ag
149	Camp McKinney/ Cariboo-Amelia, Eureka, Sailor, Minnie Ha-Ha (W.E. McArthur/Ark Energy)	82E/SW-020,044-046	Greenwood	82E/3E	49°07'	119°11'	Au,Ag,Pb, Zn,Cu	vein	preparation for reopening mine; AR 81[illegible], 9840
207	Mount Armour (Corp. Falconbridge Copper)		Kamloops	92P/1E	51°10'	120°07'	Cu,Au,Zn, Ag	volcanogenic	5 ddh, 412 m
208	Windpass (Kamad Silver Corp./ Kerr Addison Mines)	92P-039	Kamloops	92P/8E	51°27'	120°05'	Au,Ag	vein in shears	commitment to major program in 1987
209	Key (J. Leask/Noranda Exploration)		Revelstoke	82M/8W	51°27'	118°27'	Cu,Zn,Ag	volcanogenic	2 ddh; mag. and EM surveys
SOUTHWESTERN DISTRICT									
155	Valentine Mtn./Blaze (Beau Pre Explorations)	92B-108	Victoria	92B/12W	48°31'	123°51'	Au,Ag	veins	trenching; bulk sampling; milling tests; geological studies; AR 9050, 10110, 12642
156	King Solomon/Viva, Blue Bell, Finlay (Reward Res.-Nexus Resource Corp.)	92B-015, 034,035, 080	Victoria	92B/12E	48°41'	123°42'	Cu,Zn,Ag	skarn	geophysics; geochem.; geological mapping; diamond drilling; AR 11446, 13997
157	PF/Cornucopia, Yreka (P.C. Postuk/ Falconbridge)	92B-038, 039	Victoria	92B/13E	48°51'	123°40'	Cu,Au,Ag		Geological mapping; geophysics; geochem.; AR 7233

TABLE 1A. EXPLORATION AND DEVELOPMENT IN BRITISH COLUMBIA, 1986 (CONTINUED)
(Map numbers are keyed to Figure A2)

Map No.	Property/MINFILE Name (Owner/Operator)	Inventory No.	Mining Division	NTS	Lat.	Long.	Commodity	Deposit Type	Work Done; Remarks; Assessment Report No.
SOUTHWESTERN DISTRICT (CONTINUED)									
158	West/Jane, Lucky Strike, Sally (Falconbridge)	92B-049, 091,092, 093	Victoria	92B/13E	48°52'	123°40'	Cu,Zn		geological mapping; geophysics; geochem.; AR 11433, 13532, 13853
159	JRM/Fly (Utah Mines)	92B-076	Victoria/ Nanaimo	92B/13	48°55'	123°49'	Cu		geophysics; geological mapping; diamond drilling AR 12315, 12788, 14008 14669
160	Mt. Sicker/Lenora, Tyee (Corp. Falconbridge Copper)	92B-001, 002,003, 087,088, 089,099	Victoria	92B/13W	48°53'	123°47'	Au,Ag,Cu, Zn,Pb,Ba	massive sulphides	geological mapping; geophysics; geochem.; diamond drilling, approx. 2900 m; AR 7875, 8[illegible]68, 12172, 12317, 13907, 14735
161	Lara (Abermin-Laramide Resources)		Victoria	92B/13W	48°52'	123°52'	Au,Ag,Cu, Zn,Pb	massive sulphides	geological mapping; geophysics; trenching; diamond drilling, approx. 11 000 m; AR 13655, 14492
162	Chip, Holyoak/Pauper (Esso Minerals/ Falconbridge)	92B-040	Victoria	92B/13W, 92C/16E	48°54'	124°00'	Cu,Au,Ag	massive sulphides	geological mapping; geophysics; geochem.; trenching; diamond drilling; AR 11345, 13744; 14411
163	MNS, Chem, Cow, Mike (International Cherokee-Vanwin Resources-Angle Nexus Resources)		Victoria	92B/13W, 92C/16E	48°53'	124°02'	Au,Cu,Zn		geochem.; geophysics; diamond drilling
164	Striker/Candy, Paula, Wardroper (Utah Mines)	92C-076, 113,114, 126	Victoria	92C/16	48°54'	124°12'	Au,Cu, rhodonite		geophysics; geochem.; geological mapping; AR 13962, 14302
165	Heather (Canamin Resources/ Corp. Falconbridge Copper-International Cherokee)	92C-127	Victoria	92C/15E, 16W	48°58'	124°30'	Cu,Au		geophysics; geochem.; geological mapping; 5 ddh, 548 m; AR 11303, 12445, 13516
166	Kitkat (Angle Resources/ Nexus Resource Corp.)		Victoria	92F/2E	49°03'	124°32'	Cu,Ag,Ni, Pt,Pd	massive sulphides, magmatic	geological mapping; geophysics; geochem.; AR 13945
167	Raft (Lode Resource Corp./ Vanwin Resources)		Victoria	92F/2E	49°03'	124°35'	Au,Cu,Zn	shear zone	geophysics; geochem.; geological mapping; diamond drilling; AR 11315, 12444, 13954, 14376

168	Thistle (Nexus Resource Corp./ Angle Resources/ Westmin Resources)	92F-083	Alberni, Victoria	92F/2E	49°06'	124°39'	Au,Cu,Ag	massive sulphides	geophysics; geochem.; trenching; diamond drilling; AR 13711
169	Debbie/Regina (Westmin Resources/ Angle Resources/Nexus Resource Corp.)	92F-078	Alberni	92F/2E	49°10'	124°40'	Au,Ag,Cu	quartz-carbonate alteration zone; bedded chert and jasper	geophysics; geochem.; geology; trenching; diamond drilling; AR 2357, 8289, 10176 13758, 13759, 15287
170	Kola (Mariah Resources-Amstar Venture)	92F-103	Alberni	92F/2W	49°12'	124°52'	Cu,Ag,Au	shear zone replacement	drilled approx. 24 holes; some trenching; AR 10288, 12052, 13949
171	United Bear/Bear (W. Ejtel/International Coast Minerals)	92F-044	Alberni	92F/3W	49°10'	125°25'	Au,Ag,Zn, Cu	vein	geophysics; geological mapping; trenching; bulk sampling; AR 5112
172	Tofino Nickel (P. Buckland/Cominco)	92F-029	Alberni	92F/4E	49°13'	125°37'	Cu,Ni,Ag, Pd,Pt	magmatic	geochem.; geophysics; geological mapping; AR 13121, 14182
173	Cypress/Bay Creek, Cat's Eye (Utah Mines)	92F-343, 344	Alberni	92F/5W	49°16'	125°50'	Cu		geophysics; geochem.; geological mapping; AR 3106, 3443, 3444, 14003
174	Privateer (New Privateer Mines)	92L-008	Alberni	92L/2W	50°02'	126°49'	Au,Ag	vein, skarn	underground development; sampling
175	Spud Valley/Goldfield (McAdam Resources)	92L-211	Alberni	92L/2W	50°01'	126°48'	Au,Ag	veins	geological mapping; sampling; diamond drilling; estimated reserves, 390 000 t @ 8.7 grams/t Au
176	Amai Inlet/Fil, Eclipse (Thomson Gold/J. Poloni)	92L-033, 101	Alberni	92L/3E	50°01'	127°06'	Au,Cu,Zn	vein	geochem.; geological mapping; 6 ddh, 550 m; AR 7062, 14369, 14744
177	Electrum (BP Minerals/Taywin Resources)		Alberni	92L/3W	50°10'	127°21'	Au,Ag	epithermal vein	stripping; trenching; geochem.; mapping; AR 11664
178	Haslam Creek (Imperial Metals)		Nanaimo	92C/16E	48°58'	124°03'			geological mapping; 1 ddh, 64 m; AR 12678, 13359, 13468
179	Villalta (Canamin Resources)	92F-384	Nanaimo	92F/1W	49°06'	124°28'	Au,Fe	residual	7 vertical ddh, approx. 60 m; AR 8458, 12128
180	Mt. Washington/ Domineer, Murex (Better Resources)	92F-116, 117,206	Nanaimo	92F/11, 14	49°46'	125°18'	Au,Ag	epithermal veins, breccias	geochem.; trenching; diamond drilling, 49 holes; AR 11995, 11996, 12604, 12605, 14085, 14705
181	Joe Anne, Rina/Elnora (Iron River Resources/ Noranda Exploration)	92F-309	Nanaimo	92F/11W, 14W	49°46'	125°21'	Au,Ag,Cu	epithermal veins, breccias	geochem.; airborne geophysics; AR 13598, 13601, 13602, 13952, 14595, 14684

TABLE A1. EXPLORATION AND DEVELOPMENT IN BRITISH COLUMBIA, 1986 (CONTINUED)
(Map numbers are keyed to Figure A2)

Map No.	Property/MINFILE Name (Owner/Operator)	Inventory No.	Mining Division	NTS	Lat.	Long.	Commodity	Deposit Type	Work Done; Remarks; Assessment Report No.
SOUTHWESTERN DISTRICT (CONTINUED)									
182	Chute Creek (Sulpetro Minerals/ Nuspar Resources)		Nanaimo	92F/14W	49°53'	125°24'	coal		adit, 46 m
183	Quatsino Sound (Esso Resources)		Nanaimo	92L/12, 102I/9E	50°33'	127°55'	coal		geological recce mapping
184	Restless Mountain (Restless Mtn. Mines/ Acorn Resources)		Nanaimo	92L/5W	50°20'	127°58'	Au	shear zone	geochem.; geophysics; trenching; approx. 14 ddh
185	Holly (F. Johanson et al./ Northair Mines)		Nanaimo	92F/10E	49°43'	124°34'	Au,Cu	vein, skarn	geophysics; trenching; 13 ddh, 270 m; AR 13731
186	Vananda Gold/Little Billie, Cornell, Copper Queen, Texada (Ideal Cement/Vananda Gold)	92F-105, 106,107, 112,271, 395	Nanaimo	92F/10E, 15E	49°44'	124°32'	Au,Ag,Cu, Fe,Zn, wollastonite	skarns	geological studies; geophysics; geochem.; AR 6770, 8004, 9300, 14425
187	Silver Tip, Nancy Bell, Tyee (Rhyolite Resources)	92F-261	Nanaimo	92F/10E	49°43'	124°35'	Au,Ag,Cu, Zn,Pb	veins	geophysics; geochem.; geological mapping; trenching; 13 ddh, 313 m
188	Sabine, Newt/Anderson Bay (Esso Minerals)	92F-087	Nanaimo	92F/8E, 9E	49°31'	124°08'	Au,Ag,Cu, marble		geological mapping; geophysics; geochem.
189	Indian River, Furry Creek/Brittania, Bank of Vancouver, Roy, Sun, London (Fleck Resources/ Corp. Falconbridge Copper)	92G/NW-003,004, 030 92G/NE-001,007, 017,018, 023,026	Vancouver	92G/10W, 11E	49°35'	123°07'	Cu,Zn,Au, Ag	massive sulphides	geophysics; rock geochem.; geological mapping; drilling; AR 601, 10994
190	Callaghan, Edna (Falconbridge)		Vancouver	92J/3E	50°05'	123°10'			geological mapping; rock geochem.
191	Lang Bay/GE (Fargo Resources)	92F-137	Vancouver	92F/16W	49°48'	124°23'	Ge, Ga	sedimentary	refraction seismic survey; 9 rdh, approx. 300 m; metallurgical testing; AR 10384, 10921, 11263, 11738, 14303
192	Alexandria/Enid, Julie (Charlemagne Resources/ Nimbus Management)	92K-024, 028	Vancouver	92K/6W, 11W	50°30'	125°24'	Au,Ag,Cu	vein	soil geochem.; drilling; AR 10399, 11839, 12577, 13864, 14466
193	Doratha Morton (Signet Resources)	92K-023	Vancouver	92K/11W	50°31'	125°24'	Au,Ag	vein	6 ddh, 438 m; stripping; trenching; bulk sampling

194	Seneca/Dorothy, IAM, Lov, Harrison (Chevron Canada/ International Curator Resources/ BP Resources Canada)	92H/SW-083,069, 013	New Westminster	92H/5W	49°21'	121°55'	Cu,Pb,Zn, Au,Ag	massive sulphide	geophysics; geochem.; geological mapping; 28 ddh, 2672 m; AR 9844, 10894, 12322, 14221, 14334, 14668
195	Abo/GEO, RN (Abo Resource Corp./ Kerr Addison Mines)	92H/SW-092	New Westminster	92H/5	49°20'	121°44'	Au	vein stockworks in quartz diorite	geology; geophysics; geochem.; 15 ddh, 1971 m; AR 14626, 14710
196	Master Ace (NewJay Resources)	92H/SW-043	New Westminster	92H/6E	49°22'	121°14'	Au,Ag		geophysics; geochem.; percussion drilling, 13 holes
197	Golden Dyke/Courte (Noramex-Umex/ Noranda Exploration)	103F-003	Skeena	103F/7E, 8W	53°22'	132°28'	Sb,Au	epithermal vein	geological mapping; geophysics; geochem.; diamond drilling; AR 7440, 9698, 11533
198	Crescent (J.C. Stephen/ Goldenlode Resources)	103B-062	Skeena	103B/12W, 13W	52°45'	131°53'	Au		geophysics; geochem.; AR. 8252, 9102
199	Cinola/Babe [City Resources (Canada)]	103F-034	Skeena	103F/9E	53°31'	132°13'	Au	epithermal vein stockwork	major drilling program underway at year-end; AR 7208, 8730, 11167, 14593
210	Silver Dog (Orbex Industries)		Victoria	92C/16W	48°52'	124°20'	Au,Ag	veins	5 ddh, 427 m
211	Bedingfield (Cominco Ltd.)		Alberni	92F/5W	49°21'	125°55'			geophysics; geochem.; geological mapping
212	Lupus (Proquest Resource Corp./Pan World Ventures)	92F-308	Nanaimo	92F/14E	49°46'	125°10'	Au,Ag,Cu, Zn	epithermal veins, breccias	geophysics; geochem.; mapping and sampling; AR 13426, 14442

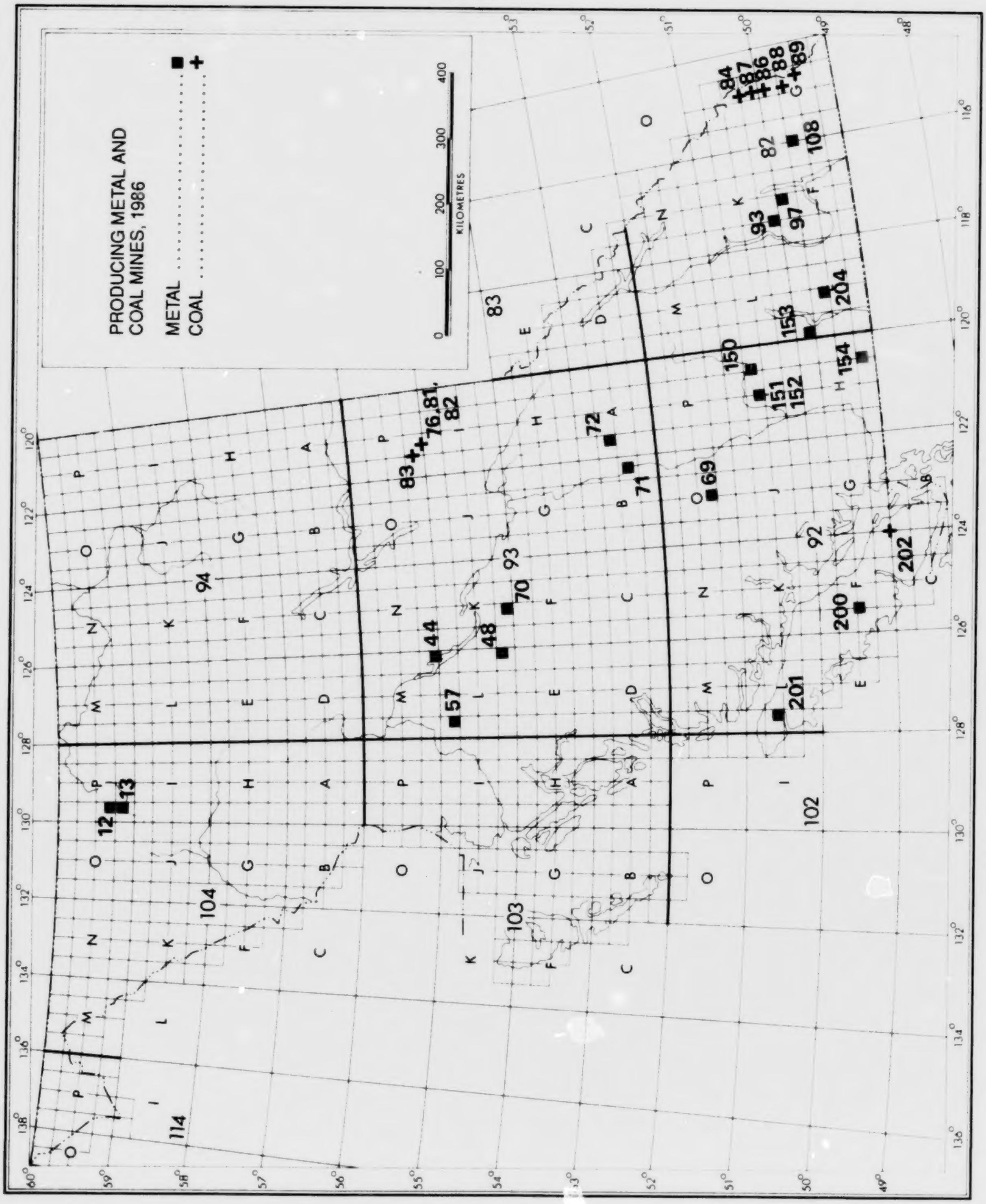
PRODUCING METAL AND COAL MINES, 1986
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Figure A3. Producing mines in British Columbia, 1986.

TABLE A2. ACTIVE MINES IN BRITISH COLUMBIA, 1986
(Map numbers are keyed to Figure A3)

Map No.	Property/MINFILE Name (Owner/Operator)	Inventory No.	Mining Division	NTS	Lat.	Long.	Commodity	Deposit Type	Production and Development Data
NORTHWESTERN DISTRICT									
12	Taurus (Taurus Resources)	104P-012	Liard	104P/5E	59°20'	129°35'	Au,Ag	vein	127 t/day @ grade 4.46 grams/t Au; reserves, 18 140 t @ 14.1 grams/t Au
13	Erickson Gold (Erickson Gold Mines)	104P-029	Liard	104P/4E, 5E	59°15'	129°37'	Au,Ag	vein	new mill, 270 t/day capacity
44	Bell Copper (Noranda)	93M-001	Omineca	93M/1E	55°01'	126°14'	Cu,Au	porphyry	15 000 t/day; 16 ddh, 2284 m; reserves, 19 x 10^6 t @ 0.5% Cu, 0.6 gram/t Au
48	Equity Silver (Equity Silver Mines)	93L-001	Omineca	93L/1W	54°11'	126°16'	Ag,Au,Cu, Sb	transitional	10 000 t/day; 79 ddh, 14 416 m; trenching; reserves, Main zone, 139 x 10^6 t @ 111.6 grams/t Ag, 1.01 grams/t Au, 0.34% Cu; Waterline zone, 2.3 x 10^6 t @ 79.1 grams/t Ag, 0.70 gram/t Au, 0.31% Cu
56	Cassiar Asbestos (Cassiar Mining)	104P-005	Liard	104P/4E	59°14'	129°39'	asbestos	ultramafic	80 000 to 100 000 t/month
57	Duthie (P. Kindrat)	93L-088	Omineca	93L/14W	54°45'	127°22'	Ag,Au,Cu, Pb, Zn	vein	Intermittent production, 1180 t milled
CENTRAL BRITISH COLUMBIA									
69	Blackdome (Blackdome Mining)	920-050, 053	Clinton	920/7,8	51°20'	122°29'	Au,Ag	quartz vein	180 t/day; reserves, 200 000 t @ 25.4 grams/t Au, 96 grams/t Ag
70	Endako (Placer- Endako Mines Div.)	93K-006	Omineca	93K/3E	56°06'	125°18'	Mo	porphyry	3800 t/yr MoS_2; reserves 141 x 10^6 t @ 0.143% MoS_2
71	Gibraltar (Gibraltar Mines)	93B-006, 007,012, 013	Cariboo	94B/4E	52°27'	122°12'	Cu,Mo	porphyry	40 000 t/day; reserves, 163 x 10^6 t @ 0.3% Cu, 0.015% MoS_2
72	Mosquito Creek Gold (Mine (Mosquito Creek Gold Mines)	93H-010	Cariboo	93H/4E	53°06'	121°35'	Au	sulphide replacement	closed 1986; drifting, >320 m; drilling, 2200 m; SP survey
73	Frenier (Aurun Mines)	920-072	Clinton	920/4W	51°20'	122°21'	perlite	flows	road upgrading; 2100 t mined

TABLE A2. ACTIVE MINES IN BRITISH COLUMBIA, 1986
(Map numbers are keyed to Figure A3)

Map No.	Property/MINFILE Name (Owner/Operator)	Inventory No.	Mining Division	NTS	Lat.	Long.	Commodity	Deposit Type	Production and Development Data
NORTHWESTERN DISTRICT									
74	Microsil	93B-023	Cariboo	93B/15E	52°56'	122°35'	diatomite	sedimentary	
75	Boss Mountain (Noranda)	93A-001, 013-016	Cariboo	93A/2W	52°07'	122°54'	Mo	porphyry	sales from stock permanently closed, 1986; reserves, 4.17 x 10^6 t @ 0.23% MoS_2
NORTHEASTERN DISTRICT									
76	Shikano (Quintette Coal)			93I/14E	54°59'	121°01'	coal		total development and production drilling at Quintette mine: 316 holes, 42 491 m; production from 3 pits, 5.0 x 10^6 t, predominantly metallurgical coal
81	Wolverine (Quintette Coal)			93P/3E	55°04'	121°11'	coal		
82	Mesa Extension (Quintette Coal)			03P/3E	55°02'	121°12'	coal		
83	Bullmoose (South Fork) (Teck Corp.)			93P/4E	55°07'	121°31'	coal		180 rdh, 5670 m development drilling; production, 1.7 x 10^6 t
SOUTHEASTERN DISTRICT									
84	Fording River (Fording Coal)			82J/2W	50°12'	114°53'	coal		4.628 x 10^6 t, predominantly metallurgical coal
86	Line Creek (Crows Nest Resources)			82G/15W	49°56'	114°46'	coal		1.010 x 10^6 t, metallurgical; 0.652 x 10^6 t, thermal
87	Greenhills (Westar Mining)			82J/2	50°07'	114°52'	coal		1.685 x 10^6 t, metallurgical; 0.747 x 10^6 t, thermal
88	Balmer (Westar Mining)			82G/10,15	49°45'	114°49'	coal		3.6 x 10^6 t, predominantly metallurgical
89	Coal Mountain (Byron Creek Collieries)			82G/7,10	49°30'	114°40'	coal		0.875 x 10^6 t, thermal
WEST KOOTENAY DISTRICT									
93	Tillicum (Esperanza)	82F/NW-234	Slocan	82F/13E	49°59'	117°44'	Au,Ag,Pb,Zn	vein	3420 t shipped

97	Silvana (Dickenson Mines)	82F/NW-050	Slocan	82F/14W	49°58'	117°15'	Ag,Pb,Zn,Cd	vein	produced 225 376 t Ag, Pb,Zn,Cd ore
108	Sullivan (Cominco)	82F/NE-052	Fort Steele	82F/9E	49°41'	116°00'	Pb,Zn,Fe,Ag,Au,Cu,Cd,Sn	massive sulphides	2 157 300 t mined

SOUTH-CENTRAL DISTRICT

150	Afton (Teck Corp.)	92I/NE-023	Kamloops	92I/10E	50°39'	120°30'	Cu,Au,Ag	porphyry	pit reserves, 8.35 x 10^6 t @ 0.69% Cu, 0.45 gram/t Au, 3.7 grams/t Ag; Pothook zone, 2.9 x 10^6 t @ 0.41% Cu, 0.58 gram/t Au
151	Valley Copper (Highland Valley Copper partnership between Cominco and Lornex Mining Corp.)	92I/SW-012	Kamloops	92I/11E	50°29'	121°05'	Cu	porphyry	reserves, approx. 560 x 10^6 t @ 0.4% Cu; planned increase in milling rate using Lornex mill
152	Lornex (see Valley Copper)	92I/SW-045	Kamloops	92I/6E	50°28'	121°04'	Cu,Mo,(Ag)	porphyry	reserves, 90 x 10^6 t @ 0.4% Cu, 0.02% Mo, 1.7 grams/t Ag
153	Brenda (Brenda Mines)	92H/NE-047	Osoyoos	82E/13W	49°48'	119°59'	Cu,Mo,(Ag,Au)	porphyry	reserves, 30 x 10^6 t @ 0.17% Cu, 0.034% Mo, 0.03 gram/t Au, 1.47 grams/t Ag; mine in production throughout 1986
154	Similkameen (Newmont Mines)	92H/SE-004	Similkameen	92H/7E	49°20'	120°32.5'	Cu(Au)	porphyry	reserves, +90 x 10^6 t, 0.38% Cu (recovered 0.17 gram/t Au)
204	Highland Bell (Teck Corp.)	82E/SW-030	Greenwood	82E/6E	49°25'	119° 04'	Ag,Pb, Zn	vein	34 120 t milled; production in concentrates, 9764 kg Ag, 102.3 t Pb, 126.0 t Zn

SOUTHWESTERN DISTRICT

200	Myra Falls Operations (Westmin Resources)	92F-071, 072,073	Alberni	92F/12E	49°35'	125°35'	Cu,Zn,Pb,Au,Ag	porphyry	continued in full production at both H-W and Lynx mines, milling rate of 2770 t/day; proven and probable reserves at start of 1986, 11 948 586 t @ 2.4 grams/t Au, 40.1 grams/t Ag, 2.56% Cu, 0.37% Pb, 5.44% Zn; exploration drilling continues underground at H-W mine and in West "G" zone of Lynx mine

TABLE A2. ACTIVE MINES IN BRITISH COLUMBIA, 1986
(Map numbers are keyed to Figure A3)

Map No.	Property/MINFILE Name (Owner/Operator)	Inventory No.	Mining Division	NTS	Lat.	Long.	Commodity	Deposit Type	Production and Development Data
SOUTHWESTERN DISTRICT (CONTINUED)									
201	Island Copper (Utah Mines)	92L-136	Nanaimo	92L/11W	50°36'	127°35'	Cu,Mo,Au	porphyry	continued full production; milling rate of about 47 200 t/day; geotechnical studies began on feasibility for recovery of substantial new mineralization located in 1985 beyond southeast wall of pit; systematic drilling of anomalous areas elsewhere on property continuing
202	Wolf Mountain (Wolf Mountain Management)		Nanaimo	92F/1E	49°07'	124°01'	coal		produced thermal coal intermittently at a rate of about 100 t/day
203	Quinsam (Quinsam Coal)		Nanaimo	92F/14W	49°56'	125°29'	coal		expect to produce about 10 000 t of thermal coal for local market in 1986

NORTHWESTERN DISTRICT

By D.V. Lefebure, District Geologist, Smithers

INTRODUCTION

Exploration in the northwestern district continued to focus primarily on precious metal deposits, although two major programs involved with asbestos and coal hold considerable promise. The total number of exploration projects declined 21 per cent from 1985, but overall expenditures increased as many projects have entered an advanced exploration stage.

Major programs were completed at McDame (asbestos), Erickson (gold), Klappan (anthracite), Al (gold), Reg (gold), Sulphurets (silver-gold), Big Missouri (silver-gold), Silbak Premier (silver-gold), Banks Island (gold), Dome Mountain (gold), Bell Copper mine and Equity Silver mine (silver-copper-gold). Exploration activity increased in the Stewart, Iskut and Atlin areas compared to 1985. The Lawyers project (gold), in the Toodoggone area, was the most advanced with a production decision under consideration.

EXPLORATION

MINERALS

ATLIN MINING DIVISION

In the extreme northwest part of the province Stryker Resources Ltd. and Freeport Resources Inc. explored for volcanogenic massive sulphides and structurally controlled gold mineralization in the Mount Henry Clay area (1). Two holes were drilled on the Low Herbert showing and five on Grizzly Heights. Drilling on the Low Herbert penetrated chloritic alteration and intersected the structure as a zone of pyritization. Weather delays and technical difficulties hampered drilling at Grizzly Heights, but one hole cut a 21-metre intercept of silicified breccia. Boulders of baritic massive sulphide mineralization have been found on the margin of the Jarvis Glacier on Mount Henry Clay. Similar mineralization is reported in place, on a cliff above and to the south of the boulder occurrence. Two holes were drilled to test the inferred down-dip extension of this showing and intersected a weakly mineralized horizon, believed to be the source of the boulders.

Queenstake Resources Ltd. entered into a joint venture with Haines Gypsum Inc. to explore the O'Connor Gypsum evaporite deposit (2). Eight diamond-drill holes delineated reserves of 2.5 million tonnes of high-grade gypsum suitable for wallboard applications.

Homestake Mineral Development Company completed 14 diamond-drill holes on its Yellowjacket property (3) in the Atlin area. The drilling intersected free gold in quartz with minor arsenopyrite and pyrite, in a zone of carbonatized and silicified ultramafic and mafic volcanic rocks. Step-out drilling to the east cut a previously unrecognized zone with anomalous gold values. Gallant Gold Mines Ltd. attempted to drill the western extension of the Yellowjacket structure on its Utopia prospect (5), the old Red Jacket showing. A silicified fault zone, cutting intensely carbonatized ultramafic rocks and very weakly mineralized with pyrite, was intersected along Pine Creek, despite problems penetrating the thick overburden. At the Spruce Creek property (4), Placer Development Limited drilled 17 short holes to explore for the source of the placer gold in Spruce Creek. Drilling by Cream Silver Mines Ltd. on the Lakeview/Ruby Mountain property (6) intersected several quartz veins with associated pyrite and minor galena and sphalerite. The host rocks are silicified Cache Creek andesite with 5 per cent pyrite, and minor altered ultramafic rocks. South of Atlin, Perron Gold Mines Ltd. drilled five holes on the McKee Creek prospect (7) to test quartz stockwork mineralization in a shear zone cutting chert and ultramafic rocks.

In the Tatsamenie Lake area exploration continued on the Golden Bear prospect (8). North American Metals B.C. Inc. is now the operator, having entered into an option agreement with Chevron Minerals Ltd. The Bear zone was tested over a strike length of 350 metres, to a depth of 150 metres, by 14 surface drill holes, more than 465 metres of underground development and approximately 20 underground drill holes. Chevron's published reserves are 1.146 million tonnes averaging 10.6 grams/tonne gold. Extensive sampling of the underground workings has shown higher grades than anticipated in many areas. The best gold values in the Bear zone are associated with a quartz breccia along the hangingwall vein. The cost of the 1986 program exceeded $3 million; results will be used to better define the ore reserves and to provide engineering data for a mine feasibility study.

Northwest of Tatsamenie Lake, American Reserve Mining Corporation completed an exploration program on its Thorn property (205). Three targets in felsic igneous rocks of probable Eocene age, extending over a distance of 600 metres, were tested by 787 metres of drilling. Southwest of Thorn Creek, three holes drilled to test surface showings of veinlets of tetrahedrite-enargite intersected tetrahedrite-pyrite mineralization with a highest value of 3.78 per cent copper, 154.3 grams/tonne silver and 1.95 grams/tonne gold over 2.58 metres. The remainder of the drilling tested silicified zones; east of Thorn Creek precious metal values are associated with pyrite, tetrahedrite and sometimes arsenopyrite and chalcopyrite.

LIARD MINING DIVISION

There was relatively little activity in the Rancheria area in 1986, however the Midway joint venture continued drilling on the Midway project (9). Four holes were completed north of the mine area; one extended the carbonate-hosted mineralization 100 metres to the north. An additional four holes were drilled further to the northwest with little success. One of three holes drilled to test an unexplored area 1.5 kilometres south of the deposit intersected oxidized sulphide mineralization. An oxide zone on the Bull 7 claim was tested by reverse circulation drilling. Current reserves on the Midway property are reported to be 1.185 million tonnes grading 410 grams/tonne silver, 9.6 per cent zinc and 7.0 per cent lead.

Also in the Rancheria area, Reg Resources Ltd. completed more than 300 metres of drilling on the Silverknife property (10).

All three operating mines in the Cassiar area completed exploration programs to increase their reserves. Cassiar Mining Limited spent more than $4 million on the McDame deposit (11) which is estimated to contain 62 million tonnes of asbestos ore (see Developments).

At the nearby Taurus mine (12), Taurus Resources Ltd. explored on the minesite and west of Quartzrock Creek on the Sable property. Fourteen holes were drilled at the Taurus mine, totalling 942 metres from surface and 152 metres underground. Underground development work on the Sable property included driving a 98-metre decline, 305 metres of drifting and 10.7 metres of raising to access a mineralized quartz vein intersected in a drill hole from surface. Seven holes, totalling 114 metres, drilled from the drift, failed to intersect significant mineralization.

Erickson Gold Mining Corp. conducted an aggressive exploration program on its Cassiar claims, principally on the Vollaug vein and Cusac option (13). Gold mineralization occurs in fault zones cutting volcanic rocks typically altered to listwanite. New ore reserves have been defined in the Troutline II, Troutline III and G-H zones on the Vollaug vein. Drilling has extended the strike length of the G-H zone to over 500 metres with the west end open. The Troutline II oreshoot is 310 metres long and where cut by an exploration drift assays 20.6 grams/tonne gold over a width of 80 centimetres. The exploration drift will also be used to explore the G-H zone. An oreshoot 300 metres long has been defined in the Troutline III zone. Six previously unknown auriferous veins have been discovered by trenching and diamond drilling on the Cusac option.

South of Cassiar, Colony Pacific Explorations Ltd. carried out a modest exploration program on its Needlepoint Mountain property (14). Two drill holes cored massive sulphides, including one intersection in carbonates of the Lower Cambrian Good Hope Group averaging 17.34 per cent zinc, 6.30 per cent lead and approximately 300 grams/tonne silver over 1.18 metres. The company believes the mineralization to be manto type. North of Dalton Mountain, Casau Exploration Ltd. attempted to find the source of massive sulphide float on its Eagl property (15). Drilling to test geophysical targets intersected graphitic sediments and a siliceous iron carbonate zone which returned assays averaging 9.1 grams/tonne gold over 60 centimetres.

In the Kutcho Creek area, Mohawk Oil Company Ltd. completed a limited program of exploration for nephrite jade on the Jadex property (16). Trenching and packsack diamond drilling proved approximately 45 tonnes of mineable jade and outlined an estimated 90 tonnes of possible jade reserves.

Skyline Explorations Ltd. carried out an extensive exploration program on its Johnny Mountain (Reg) prospect (17) in the Iskut River area. An adit was collared at the 1122-metre elevation and 503 metres of drifting completed to gain access for underground sampling and drilling on the Cloutier and No. 16 vein systems. A total of 35 diamond-drill holes were completed underground and 21 surface holes were drilled. Company reports indicate that the newly discovered Zephrin zone consists of feldspathic and siliceous alteration in a brecciated zone containing 10 to 15 per cent sulphides and carrying very high gold values. The Cloutier "vein", a zone of quartz veins with abundant pyrite and chalcopyrite, is reported to average 4.6 metres in width over a length of 64 metres along the drift. The company reports samples across a width of 2.6 metres returned assays averaging 5.18 grams/tonne gold, 29.3 grams/tonne silver and 3.23 per cent copper. On the Johnny Mountain prospect current drill-proven reserves for the Discovery zone, Zephrin zone, No. 16 vein and Pick Axe zone are quoted as 139 340 tonnes grading 23.0 grams gold and 33.3 grams silver per tonne and 0.78 per cent copper. Total reserves in the drill-inferred, drill-indicated and measured categories are 851 340 tonnes at similar grades. On the adjacent Snip property (18) Delaware Resources Corp. trenched and drilled two sets of mineralized structures; it reports its best intersection as 15.4 grams/tonne gold over a core length of 13.5 metres, at the junction of the Main and Cross structures.

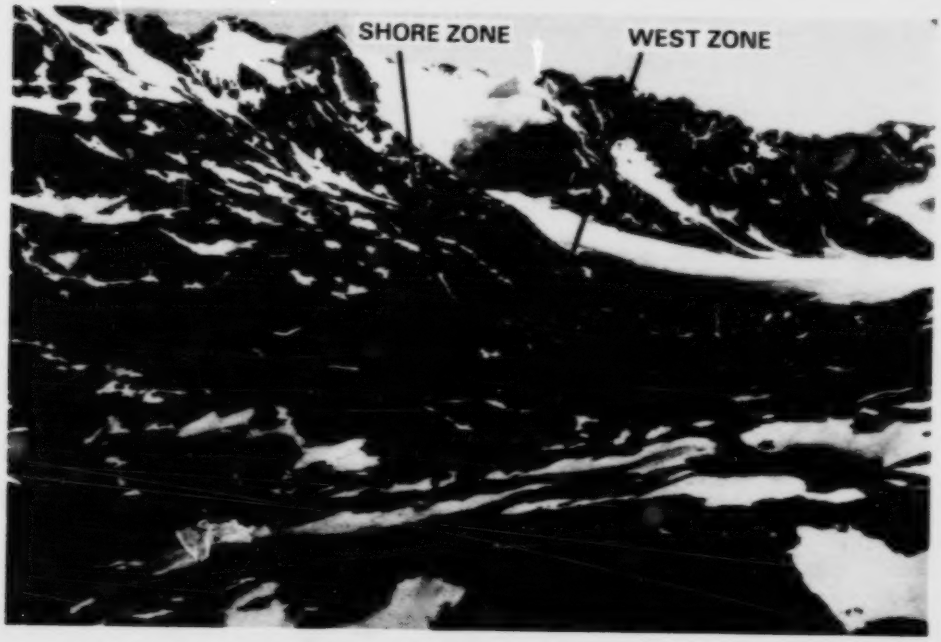

Plate A1. The Brucejack Lake area of the Sulphurets silver-gold property of Newhawk Gold Mines Ltd. viewed from the west.

SKEENA MINING DIVISION

In the Stewart area, Magna Ventures Ltd. drilled 10 holes on its Doc property (19), testing a strike length of 365 metres on the Q17-22 vein. Six of the holes intersected significant gold mineralization. A 3.4-metre intersection assaying 12.7 grams/tonne gold is reported from the deepest hole, 135 metres below surface. Cassiar Mining Ltd. completed a modest drilling program on its Kerr property (20).

Immediately to the east, Newhawk Gold Mines Ltd. and Lacana Mining Corporation concentrated their exploration effort on the Brucejack Lake area of the Sulphurets property (21). Forty-seven holes were drilled on the West, Shore and Gossan zones. A 365-metre decline was driven to access the West zone for drilling and sampling. The West zone has been tested to a depth of 150 metres over a strike length of 300 metres. Two deeper holes cut intercepts assaying 18.6 and 14.4 grams/tonne gold over 12 metres and 4 metres respectively, at a depth of approximately 300 metres; both intersections returned high silver values. Samples from the first crosscut through the West zone returned assays averaging approximately 7 grams/tonne gold and 210 grams/tonne silver across a true width of 5.2 metres. Current drill-indicated reserves in the West zone are reported at 513 250 tonnes averaging 11.04 grams gold and 722.0 grams silver per tonne, with substantial additional tonnage inferred.

North of Sulphurets on the Gold Wedge property (22), Catear Resources Ltd. drilled 14 holes to test a northeast-trending stockwork zone in sericite schists, and one hole on a second, northwest-trending zone. Bonanza gold grades were returned from several intersections. On the Tide property (23), Tenajon Silver Corp. drilled two holes to test an electromagnetic anomaly in an area where grab sampling had indicated gold mineralization; no significant mineralization was intersected. Tenajon Silver also drilled on the Silver Butte prospect (26); four holes were drilled from two setups to follow-up an earlier intersection averaging 27.1 grams gold and 89.8 grams silver per tonne over 4.5 metres. All four holes intersected gold-silver mineralization.

Following a late start, Westmin Resources Limited completed an extensive drilling program designed to increase definition of and add to reserves in the Big Missouri (24) and Silbak Premier (27) deposits. All four main gold-bearing zones at Big Missouri were drilled and publication of a new reserve estimate is expected. Current reserves are quoted as 1.64 million tonnes grading 3.05 grams gold and 40.1 grams silver per tonne. Twenty surface holes (1614.5 metres) were drilled on the Silbak Premier property, principally in the Glory Hole area. Higher grade intersections were obtained drilling through caved stopes, including one intercept averaging 8.13 grams/tonne gold over 49.4 metres. Two holes were drilled in the Simcoe area, 800 metres southeast of the Glory Hole. Underground drilling on the 2 level, and reverse circulation drilling of the dump material near 4 level, was underway at the end of the year. Reserves at the Silbak Premier are currently reported as 5.79 million tonnes averaging 2.37 grams gold and 92.2 grams silver per tonne. In

October, Westmin Resources submitted a prospectus on the Silbak Premier and Big Missouri to the British Columbia Mine Development Steering Committee.

Forty-five kilometres north of Stewart, Consolidated BRX Mining & Petroleum Ltd. drilled six holes on its Tennyson prospect (25) and reported a 2.1-metre intersection assaying 41.8 grams/tonne gold.

For the first time in over 25 years, serious exploration was carried out on the massive sulphide deposits of the Ecstall River area. Falconbridge Limited completed geophysical surveys and drilled five holes to test electromagnetic anomalies on its Ecstall property (28). Noranda Exploration Company Ltd. completed a Dighem airborne electromagnetic survey, followed by ground geophysics, prospecting and geological mapping, on its Ecstall (29) property nearby.

Trader Resources Corp. continued work on Banks Island. Diamond drilling, geophysical surveys and road construction were carried out on the Yellow Giant property (30). Approximately 1500 metres of drilling were completed on the Crossbreak zone. Diamond drilling on the Tel zone, totalling more than 10 500 metres, discovered a new zone down dip from previously known mineralization. Current reserves in the Tel zone are quoted as 193 300 tonnes averaging 8.91 grams gold and 5.49 grams silver per tonne. A 4-kilometre road was built from the west coast of Banks Island to the Tel zone. A face for the portal of the proposed decline was completed. The decline will provide access for underground drilling and sampling.

Trader Resources has also started an assessment of the Surf Inlet mine (31) on Princess Royal Island. Mine dumps and tailings were sampled and environmental studies begun. Trader Resources has made submissions to the Mine Development Steering Committee covering both the Tel deposit and the Surf Inlet property.

OMINECA MINING DIVISION

In the Toodoggone River area, Energex Minerals Ltd. spent approximately $2 million on the Al project (32). Diamond drilling on the BV, Bonanza, Thesis II and Thesis III zones, designed to provide better definition of open pit potential, extended the known strike length of all four zones. The principal focus of activity was the Thesis III zone where a total of 29 holes was drilled and 900 channel samples were taken. A small test pit was mined and 12 000 grams of gold recovered in a 6-tonne per day portable mill. Drilling on the BV zone confirmed continuity of mineralization over widths of 6 to 9 metres, with average grades in the range of 10 to 17 grams/tonne gold. High-grade intersections were cored in the Bonanza zone, some 140 metres south of previously known mineralization. Current proven and probable reserves accessible to open-pit mining in the Bonanza Ridge, Thesis III and BV zones stand at 237 900 tonnes grading 8.6 grams gold per tonne.

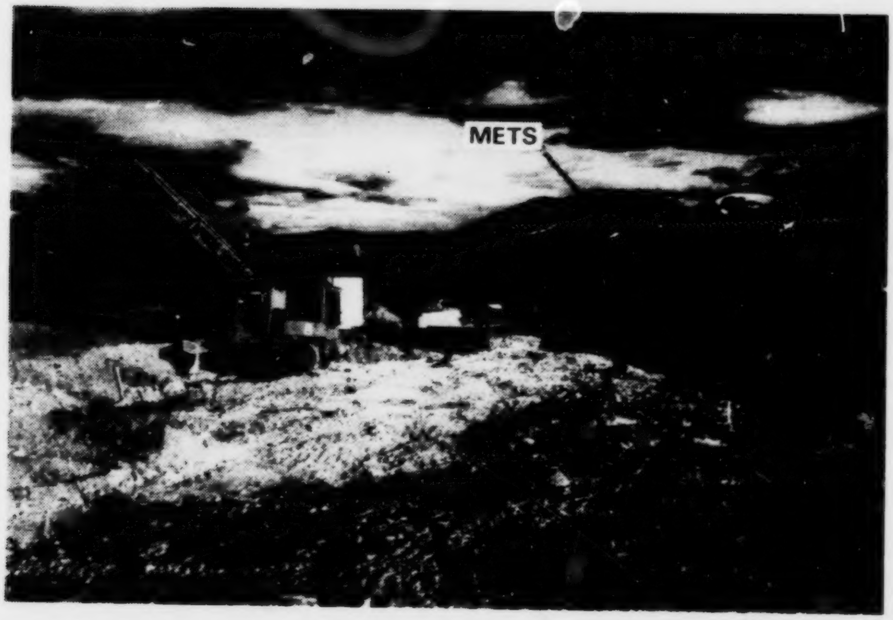

Plate A2. In the foreground is the high-grade gold Verrenass area of the Bonanza zone on the Al property (32) of Energex Minerals Ltd. To the south in the background is the Mets gold showing (33) of Manson Creek Resources Ltd.

Manson Creek Resources Ltd. drilled on the Mets prospect (33) immediately south of the Bonanza zone. The auriferous quartz-barite breccia zone was traced to a depth of 90 metres over a strike length of 150 metres, with true widths ranging from 5 to 10 metres. One hole is reported to have intersected 13 metres assaying 18.1 grams/tonne gold. Lacana Mining Corporation explored its Metsantan property (34), also immediately south of the Energex claims. Anomalous gold values, with two higher grade sections, were reported from drilling on a northerly trending siliceous "cap". A comprehensive program of geological mapping and geochemical sampling was completed on the Moosehorn property (35) by Cyprus Metals Canada Ltd. Eight drill holes tested the Moosehorn structure which outcrops as quartz and quartz-amethyst veins in a bleached andesite porphyry host. Four holes, drilled in an area of mineralized quartz float approximately 1100 metres southeast of the Moosehorn showing, intersected a southwest-dipping zone carrying geochemically anomalous gold values.

At the former Baker mine (37), Multinational Resources Inc. drilled 22 holes on the B vein and one on the A vein. The B vein, weakly mineralized with pyrite and chalcopyrite in a quartz gangue, averages 2.5 to 3 metres in width and has been traced over a strike length of 120 metres and to a depth of 60 metres. The structure is open and may be an extension of the A vein. One of the better intersections reported assayed

41.1 grams gold and 102.9 grams silver per tonne. Lacana drilled five holes, to test a gold soil-geochemical anomaly 1200 metres long, on its Golden Neighbour prospect (38) located 7 kilometres northeast of the Baker mine. The holes intersected quartz veining, with pyrite, chalcopyrite and minor amethyst, over widths of 10 to 12 metres.

Noranda Exploration, in a joint venture with Goldcap Inc., completed 10 diamond-drill holes on the Tommy Jack (39) property west of Motase Peak. Further to the south, Noranda and Atna Resources Ltd. have a joint venture on the Blunt Mountain property (40) where a northeasterly trending, steeply dipping structure can be traced for 2.5 kilometres. Pyrite, arsenopyrite, galena and lesser sphalerite are present in veins, fracture fillings, disseminations and pods along it. A grab sample taken at the northern end of the zone is reported to assay 13 grams gold and 1097 grams silver per tonne. Three holes were drilled and at least one intersected two massive sulphide zones over core lengths of 2.6 and 1.1 metres.

In the Smithers area, Silver Hill Mines Ltd. continued exploration of the Silver King prospect (41). An access road was built and 21 metres of underground development work completed. Consolidated Silver Standard Mines Limited carried out soil sampling, magnetometer and VLF-electromagnetic surveys, prospecting and geological mapping on its Mamie property (42) adjacent to the Duthie mine. On Dome Mountain (43), a joint venture between Noranda Exploration, Canadian United Minerals Inc. and Teeshin Resources Ltd. attracted considerable attention. Canadian United completed 4450 metres of drilling in 48 holes and have reported a mineral inventory of 218 000 tonnes grading 15.7 grams gold and 79.5 grams silver per tonne in the Boulder Creek zone. The Boulder Creek quartz vein averages 2.7 metres wide and carries minor amounts of pyrite sphalerite and galena. Trenching and drilling in an attempt to trace the vein westwards into the Cabin vein has yielded inconclusive results. Late in the year Teeshin Resources Ltd. completed more than 30 diamond-drill holes on the Boulder Creek zone.

In the Houston area, Bishop Resources Development Ltd. completed an extensive surface exploration program and drilled 26 holes on its Topley project (45). Work was concentrated on a silver-rich vein system located between the Silver Cup and Golden Eagle showings. The quartz-dolomite veins contain tetrahedrite and minor galena, sphalerite, stibnite, freibergite and native silver; the wallrocks contain finely disseminated pyrite. One of the better intersections reported graded 227.3 grams silver and 2.81 grams gold per tonne over 2.3 metres. Equity Silver Mines Limited completed geological mapping, 500 metres of trenching and five diamond-drill holes on its Perow project (46).

At the eastern end of Babine Lake, Imperial Metals Corporation explored for massive sulphides and precious metal lode deposits on the Silver Fox property (47). Three holes, drilled to test a zinc and silver anomaly in soils, associated with an induced polarization chargeability anomaly, intersected graphitic horizons. Three additional holes on the Silver Fox Crown grant did not intersect significant mineralization.

In the Goosly Lake area, south of Houston, Equity Silver Mines completed 79 diamond-drill holes to further delineate mineralized zones and to explore untested targets at the minesite (48). Approximately 20 per cent of the drilling was concentrated on the Main and Waterline zones and resulted in a modest increase in reserves. Two new mineralized zones were discovered, one south of the Southern Tail pit, the second north of the Waterline zone. Faraway Gold Mines Ltd. carried out percussion and diamond drilling on the Sam property (49). The work was centred on a heavily drift-covered window in the Tertiary cover and outlined a zone of pyritic mineralization in older volcanic rocks. On the adjacent Goosly property (50), Normine Resources Ltd. percussion drilled a total of 1018 metres on the east grid, but drilling on the west grid, to test a geochemical anomaly, failed to reach bedrock. On the Irk prospect (51), E. Westgarde completed six percussion holes, totalling 380 metres; mineralized intrusive rocks were cut in several holes.

On the east shore of Owen Lake, Bulkley Silver Resources Inc. carried out a sampling program on the Silver Queen property (206) to evaluate the No. 3 vein on the 2600 level and surface exposures of eight veins. Anomalous gallium and germanium values were identified. In the fall, Bulkley Silver Resources and Cater Energy Inc. amalgamated to form Houston Metals Corporation. Houston Metals rehabilitated the Earl adit and the northern half of the 2600 level, completed a 22-metre adit on the No. 5 vein, and started a crosscut toward the No. 2 vein on the 2600 level.

Near Morice Lake, Newmont Exploration of Canada Limited completed a comprehensive program of geological mapping, prospecting and rock and silt sampling over much of its New Moon property (52). Seven zones of polymetallic mineralization were investigated by detailed mapping, magnetometer and resistivity surveys, trenching and 1529 metres of diamond drilling in 17 holes. The showings are quartz-carbonate veins and stockworks, containing appreciable galena and sphalerite with minor pyrite and chalcopyrite, hosted by volcanic and volcaniclastic rocks of the Hazelton Group. South of Ootsa Lake, Asitka Resource Corporation drilled three holes on its Duk claims (53). Anomalous gold and silver values are reported in quartz-veined rhyolite within an argillic alteration zone.

COAL

Gulf Canada Resources Inc. completed diamond and rotary drilling, trenching, borehole geophysics and mapping on its Klappan anthracite property (54). A second adit was completed to test unoxidized anthracite in the H seam. A 40 000-tonne trial cargo of coal was shipped through Stewart to the South Korean market. A Stage II report is anticipated by the end of 1986. Crows Nest Resources Ltd. drilled four holes on its Telkwa property (55).

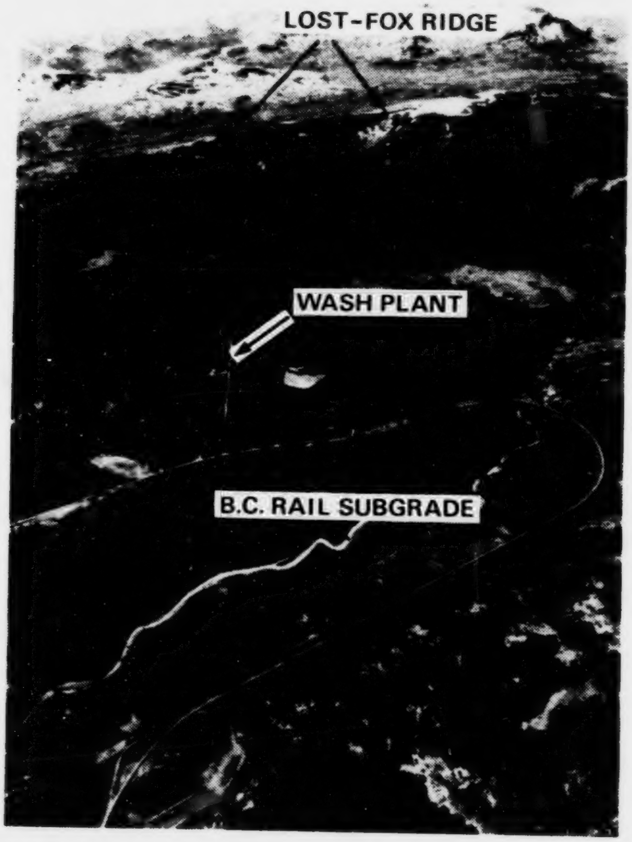

Plate A3. A view of the Lost-Fox area from the northwest of Gulf Canada Resources Inc.'s Mount Klappan anthracite project (54). Note the B.C. Rail subgrade, wash plant and access road in the foreground. (Photo courtesy of Gulf Canada Resources Inc.)

PLACER

A total of 61 placer notices of work was filed in the Atlin area, down slightly from 1985. The most active creeks were Boulder, Gold Run, McKee, O'Donell, Otter, Spruce, Wilson and Wright. A total of 44 placer notices of work was filed in the Liard Mining Division, a level of activity comparable to 1985. Dease Creek, Hyland River, McDame Creek, Rosella Creek and Thibert Creek were the busiest placer areas.

DEVELOPMENT

Cassiar Mining Limited continued to explore the McDame asbestos deposit (11). Underground development consisted of 300 metres of drifting and 247 metres of raising from the 1415 level to the 1563 level. The drift was continued along the hangingwall of the deposit and some ore was tested in the mill. A proposed decline to the 1350 level was postponed until more drilling information is available. Twenty-one holes were drilled to determine the geometry of the strongly faulted orebody. The deposit will be mined by block caving with costs expected to be lower than current costs in the Cassiar open pit.

The Lawyers deposit (36), in the Toodoggone River area, remained on hold. Current reserves are quoted at 941 000 tonnes grading 7.2 grams gold and 260 grams silver per tonne. The British Columbia Government has agreed to provide an interest-free loan of up to $4.5 million, to fund extension of the Omineca road into the Toodoggone district, contingent on Serem Inc. making a production decision.

PRODUCERS

The Cassiar asbestos mine (56) produced 80 000 to 100 000 tonnes of asbestos per month in the latter part of the year (Table A2). The mine was closed from July 1 to September 30, to reduce inventory. At current production rates the open pit will be exhausted in 1990.

The nearby Taurus mine (12) operated at a rate of 125 tonnes per day with an average millhead grade of 4.46 grams/tonne gold. Current reserves are estimated at 18 140 tonnes averaging 14.1 grams/tonne gold.

Erickson Gold Mining Corporation commenced production from the Cusac adit (13) in July, following a winter shut-down caused by a fire in the mill. Ore was processed at the Taurus mill from July through September. The new Erickson mill, with a 270-tonne daily capacity, started production in October; average millhead grade is expected to be 13.7 grams/tonne gold.

Intermittent production continued at the Duthie mine (57); high-grade silver ore was mined from the 3300 level on the Ashman vein. A total of 1180 tonnes of ore was milled. The property was bought by Bishop Resource Development Ltd. in the fall.

The Bell Copper mine (44) operated at a milling rate of 15 000 tonnes/day. A recent drilling program on the west wall of the pit increased ore reserves to 19 million tonnes grading 0.5 per cent copper and 0.6 gram/tonne gold, extending the mine life to the end of 1989.

The Equity Silver mine (48) operated at a milling rate of 5700 tonnes per day for the first half of the year. Subsequently milling capacity was increased to 10 000 tonnes per day which permitted a reduction in cut-off grade and lowered the cost of milling ore from the Main zone. Current reserves are: 13.876 million tonnes grading 111.6 grams/tonne silver, 1.01 grams/tonne gold, 0.34 per cent copper in the Main zone; and 2.256 million tonnes averaging 79.1 grams/tonne silver, 0.70 gram/tonne gold and 0.31 per cent copper in the Waterline zone.

CENTRAL DISTRICT

By E.L. Faulkner, District Geologist, Prince George

INTRODUCTION

There were 132 mineral exploration programs undertaken in the district during 1986, an increase of 10 per cent over 1985. Decreases in the Clinton and Omineca Mining Divisons were more than offset by a 61 per cent increase in the Cariboo Mining Division. The number of major drilling programs (10 or more holes) was also up by 70 per cent over 1985, and included several late-season and winter drilling programs.

Precious metal targets remain the principal focus of exploration. After a slow start, placer operations are now close to 1985 levels, following the summer increase in gold prices. Interest in industrial minerals and stone picked up slightly, with some contract sales from two of the area's limestone quarries and five new exploration programs (three limestone deposits, one talc deposit, one slate prospect).

REGIONAL GEOCHEMICAL SURVEY RELEASE

The Regional Geochemical Survey data for NTS 93G, 93H and 93J were released on 9 July 1986. The releases for 93G and 93H incorporated the data for 93G (east half) and 93H (west half) which were released in 1985. Interest in 93G (west half), 93H (east half) and 93J was modest, but the 1985 release continues to exert a strong influence on staking and exploration activity. The two releases are estimated to have been a factor in at least half of the net increase of 1636 units staked in the release areas since 1985 and to have generated close to $1 million in exploration expenditures. Most of the new staking covered areas of multi-element anomalies possibly related to volcanogenic massive sulphide mineralization in the Quesnel Trough, or base metal and barium anomalies possibly related to sediment-hosted base metal and silver mineralization.

EXPLORATION

Table A1 lists the more significant exploration programs completed or announced in the district for 1986. The project numbers in the table and in the text following are keyed to the location map, Figure A2.

MINERALS

Activity in the Cariboo district was concentrated on four deposit types.

Volcanogenic Massive Sulphide Deposits: The search for polymetallic massive sulphide or bulk-mineable deposits concentrated on the Triassic Takla Group, with some interest in the Mississippian Slide Mountain Group. Junior companies were especially active north of Cottonwood House, the scene of a staking rush early in the year. The area has known massive sulphide showings and contains some of the Cariboo's most productive placer deposits. It is also heavily drift-covered and the structure appears complex. Gabriel Resources Inc. has drilled more than 3300 metres in 30 holes on three target areas on their G claims (58). Two areas have yielded scattered intersections up to 3 metres assaying from 0.4 to 10 grams per tonne gold. Pundata Gold Corporation has completed 19 holes of a planned program of more than 1800 metres of drilling on their MC and Mastt claims (59). Results released to date include several intersections of 1 to 3 metres assaying 1.0 to 31.3 grams per tonne gold. Other companies active in this area include Mastt Resources, Noranda and Minequest.

Gold in Triassic Black Phyllites: Eureka Resources Inc. continued work on the Frasergold property (60) with a modest program of trenching and large-diameter reverse circulation drilling followed by a program of 1500 metres of diamond drilling. Possible reserves of 3.6 million tonnes grading 3.1 grams/tonne gold, including 600 000 tonnes averaging 7.8 grams/tonne gold have been outlined, with potentially much larger tonnages at a lower cutoff grade. Current efforts are directed towards outlining mineralization of sufficient grade and continuity for either bulk mining or small-scale underground mining. Mt. Calvery Resources Ltd. began trenching other black phyllite targets in the Spanish Mountain area, after Teck Corporation dropped its option on the CPW property (61).

Gold in Quartz Veins and Sulphide Replacements: Imperial Metals Corporation returned to the Cariboo Hudson mine (62), obtaining good results from over 2100 metres of drilling. Extensions to the known mineralization were found on both the Shasta and the 605 veins and further drilling is planned for 1987.

Transitional Porphyry-Volcanogenic Massive Sulphide Deposits: Interest in this type of precious metal deposit has increased sharply since the discovery of the QR deposit (63) by Dome Exploration (Canada) Ltd. in stratabound massive sulphides spatially related to an alkalic stock. Exploration targets are zones of alteration, especially propylitic alteration, in basaltic volcanics and related volcaniclastic sediments which have anomalous gold content, and are also close to dioritic or alkalic intrusions. Companies exploring for this type of mineralization included E&B Explorations Inc. with 21 holes planned on the Cariboo-Bell gold-copper deposit (64) and 28 holes planned for the Cariboo property east of the QR deposit. Dome had a small follow-up drilling program on their Bullion Lode property (65) as well as two drilling programs totalling over 9200 metres on the QR. The second program of 5000 metres was to follow up encouraging results from drilling between the Main zone and West zone earlier in the year. Further drilling on this new zone is planned for 1987.

Sediment-hosted Base Metal/Silver Deposits: Newmont Exploration of Canada Limited, Teck Corporation, Cominco Ltd. and Noranda Exploration Ltd. were active on claims staked largely as a result of the RGS releases, with programs of geochemistry, geophysics and mapping. Noranda in particular had follow-up programs on several properties in the Bowron River valley and east of the Rocky Mountain Trench on Cushing Creek.

Epithermal Precious Metal Deposits: Lac Minerals Ltd. continued work on its Bob property near Nazko (66). Twenty holes drilled on coincident induced polarization and anomalous soil precious metal targets in Cretaceous sandstones and quartzites, near Tertiary and Recent volcanic centres, yielded some fair to good intersections. Additional induced polarization anomalies were identified and further drilling is planned.

Many junior companies were active elsewhere in the Cariboo. Areas of productive placer gold deposits in the Quesnel Trough were particularly favoured.

Activity in the western part of the Omineca Mining Division was down sharply compared to 1985, with interest again being further north in the Toodoggone camp. Noranda drilled six holes on six properties. Imperial Metals drilled 17 holes on its Takla precious metal property (67), with encouraging results. A vein system in Takla Group volcanics was tested over a strike length of 700 metres and several intersections averaging 9 to 10 grams/tonne gold over widths of 1.5 to 2 metres were obtained. Another possible vein system was identified by soil geochemistry and will be drill-tested in 1987.

In the eastern Omineca Mining Division, Cominco continued to explore its Aley niobium-bearing zoned carbonatite (68). Extensive drilling and trenching programs have identified seven mineralized zones, in or near the amphibolitic margin of this large carbonatite, with some niobium-bearing mineralization also discovered in the core zone.

PLACER

Although the total number of placer programs remained about the same, there was a notable increase in testing programs compared to 1985, and recreational programs remain popular.

PRODUCERS

Blackdome Mine (69) (Au, Ag) - commenced full production on 15 May 1986 at 180 tonnes per day. The deposit is a classic bonanza-type gold quartz vein deposit in Eocene calcalkaline volcanic rocks. Current ore reserves exceed 200 000 tonnes containing 25.4 grams gold and 96 grams silver/tonne. Annual production is expected to be approximately 1900 kilograms of gold and 6000 kilograms of silver.

Endako Mine (70) (Mo) - following the purchase of surplus power under the Industrial Electricity Rate Discount Act, the Endako mine was reopened in August 1986 following a five-year shutdown. Annual production, at about one-third capacity, is expected to yield 3800 tonnes MoS_2, 40 per cent of which is destined for specialty markets. Reserves are approximately 140 million tonnes grading 0.143 per cent MoS_2.

Gibraltar Mine (71) (Cu, Mo) - Gibraltar continued to mill at a rate of 40 000 tonnes/day. Drilling, financed in part by a FAME grant, encountered significant mineralization in two of three target areas close to the present minesite, but the grade is marginal at current metal prices. Acid leaching of the No. 1 dump began in later summer and the electrowinning plant produced the first copper from the leachate on 7 October. The plant capacity is 14 tonnes of copper per day and by year-end was producing at close to 80 per cent capacity.

Mosquito Creek Gold Mine (72) (Au) - this mine closed again after milling some stockpiled ore. A major program comprising over 320 metres of drifting and 2200 metres of underground drilling, followed by down-the-hole geophysical surveys, failed to find sufficient ore to warrant reopening the mine. Underground exploration continues on a reduced scale.

Frenier Mine (73) (perlite) - Aurun Mines Ltd. improved the access road to their quarry and mined 2100 tonnes of perlite. Installation of a new expander, completed during the year, is expected to result in increased production in 1987.

Microsil (74) (diatomite) - there was no production from the quarry this year, but processed absorbents were sold from stock.

Boss Mountain (75) (Mo) - the mine passed from "moth-balled" status to permanent closure late in 1986.

NORTHEASTERN DISTRICT

By A. Legun, District Geologist, Charlie Lake

INTRODUCTION

The level of coal exploration and development was once again lower in 1986 with total drilling (exploration, development and production) decreasing to 58 730 metres from 65 800 metres the previous year. Exploration activity was restricted to one company, Quintette Coal Ltd., which submitted all four notices of work for the area. This compares with eight notices of work from four companies in 1985. Total exploration drilling amounted to 8662 metres (80 drill holes) compared to 11 842 metres (124 drill holes) in 1985. The division between exploration and development drilling has become rather arbitrary as all drilling was within or near active mining areas. The single most important development in 1986 was the opening of the Shikano pit by Quintette.

COAL EXPLORATION

A summary of exploration statistics is presented in Table A1.

QUINTETTE COAL LTD.

The Shikano and Hermann Gething deposits were the focus of Quintette's 1986 efforts outside the main pit areas (Figure A4).

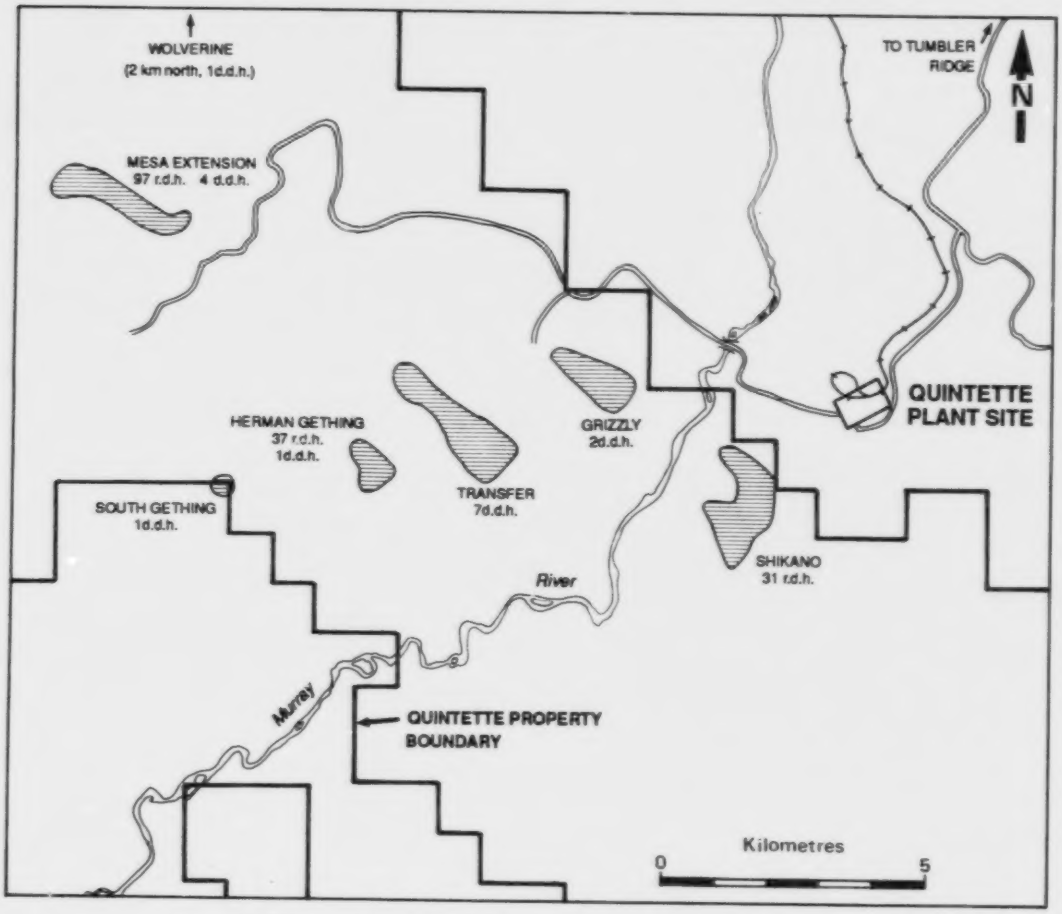
WOLVERINE
(2 km north, 1d.d.h.)
TO TUMBLER RIDGE
N
MESA EXTENSION
97 r.d.h. 4 d.d.h.
HERMAN GETHING
37 r.d.h.
1d.d.h.
TRANSFER
7d.d.h.
GRIZZLY
2d.d.h.
QUINTETTE
PLANT SITE
SOUTH GETHING
1d.d.h.
SHIKANO
31 r.d.h.
River
Murray
QUINTETTE PROPERTY BOUNDARY
Kilometres
0
5

Figure A4. Quintette Coal Ltd., areas of 1986 exploration.

SHIKANO (76)

Thirty-one rotary holes on a 50-metre spacing were drilled into the deposit, confirming structure. Total drilling now stands at 153 holes. Initial pit development began in October and it is expected that the deposit will supply 13 million tonnes of product coal. The coking quality of one seam (J) is of concern.

HERMANN GETHING (77)

The coals of economic interest are found in the Gething Formation, rather than the Gates Formation. Drilling of 37 rotary-drill holes and one diamond-drill hole in this deposit has extended the area known to be underlain by seams GT1 and GT2 to the northwest where folding and faulting complicate the structure. The two seams comprise 6 to 6.5 metres of coal occurring in the lower Gething Formation, about 45 metres below the Gething marine tongue. Results from a 15-tonne bulk sample indicate the coal is low in ash and volatiles and of marginal coking quality. Reserves are in the order of 1 to 3 million tonnes.

SOUTH GETHING (78)

One drill hole provided stratigraphic information on the lower Gething Formation section.

TRANSFER, GRIZZLY (79, 80)

The Transfer and Grizzly areas are adjacent to the conveyor belt and lie between the Shikano and Mesa pits. A total of nine diamond-drill holes was bored confirming that two of six mineable seams are not well developed. However the total mineable thickness (>12 metres) and the location of the deposits is sufficiently significant that a major geological program has been proposed for the area in 1987. The company hopes to bring the area to a mining permit stage by the end of next year.

WOLVERINE (81)

One drill hole tested a little-known area north of the minesite, near Mast Creek. There was a good (7 to 8-metre) intersection of the J seam but reduced thicknesses for the overlying seams.

DEVELOPMENTS/PRODUCERS

Both the Quintette and Bullmoose mines reduced coal production this year due to contract readjustments. Quintette will produce 5.0 million tonnes of metallurgical coal in the 1986 calendar year with 80 to 85 per cent of the production from the Mesa (McConkey) pit and 15 to 20 per cent from Wolverine. Some production will come from Shikano in 1987.

Development and production drilling totalled 42 491 metres in seven pits in 1986, compared to 47 994 metres in 1985. A large part of the drilling (21 467 metres in 97 rotary-drill holes and four diamond-drill holes) was directed toward development of the Mesa Extension (82) area on the margin of the Mesa pit and below the Mesa thrust fault. A grant under the FAME program supported the diamond-drill program. Drilling has clarified structural details for the planning of bench cuts. Reserves in this structurally complex deposit are approximately 23 million tonnes (product coal).

Teck Corporation's Bullmoose mine (83) will produce 1.7 million tonnes product metallurgical coal in its contract year (April 1986 to April 1987). Five seams (A to E) are mined with about 60 per cent of production coming from the thick and extensive A and B seams. In-place reserves at the South Fork pit stand at 45 million tonnes. Development drilling in 1986 totalled approximately 5670 metres in 180 drill holes.

SOUTHEASTERN DISTRICT

By D.A. Grieve, District Geologist, Fernie

INTRODUCTION

The number of mineral exploration programs in the district increased to 13 from 10 the previous year. These break down as follows: gold, six; base metals, three; gypsum, two; barite, one; and kimberlite, one. Most projects were either modest drilling programs or geophysical/geochemical surveys, and all were minor by provincial standards.

The level of coal exploration was down from the already depressed level of the previous year. Total drilling of less than 25 000 metres contrasts with a total of approximately 30 000 metres in 1985. Without the FAME program, however, the situation would have been worse. FAME supported 90 per cent of the total number of metres of exploratory drilling, and some programs were expanded or initiated specifically to take advantage of FAME. The FAME-supported coal exploration programs were all successful in meeting their objectives and in helping to define new reserves of coal and/or elucidate structure and stratigraphy.

As in 1985, all coal exploration programs, with two minor exceptions, were carried out within or near current mine areas. The major objective continued to be locating high-volatile bituminous coal. Southeast coal activity is summarized in Table A1; highlights are discussed below.

One large coal property changed ownership during 1986. Elco Mining Ltd.'s 50 per cent share of the Elk River property was acquired by Fording Coal Ltd. No exploration was carried out on the property in 1986.

COAL EXPLORATION

Fording Coal Ltd., with FAME support, drilled 20 rotary-drill holes and 3 diamond-drill holes, for a total of 6142 metres, on various parts of its holdings. All except four holes (787 metres) were drilled in the immediate area of the Fording mine (84) including Greenhills K-pit Extension, Greenhills South, Eagle Mountain and Mount Turnbull. The other four holes were drilled at Aldridge Creek (85) 15 kilometres north of the mine. The major target of Fording's programs was high-volatile coal.

Westar Mining Ltd. carried out two rotary drilling programs in the Greenhills mine area (87). Twenty-six holes, totalling 2340 metres, were drilled on the west face of the Greenhills Range, in order to assess this area in light of a proposed new mine plan. A high-volatile coal exploration program in the north part of the property was proposed specifically to take advantage of FAME funding. A total of 9407 metres of rotary drilling in 56 holes was completed.

Crows Nest Resources Ltd. carried out a FAME-funded, low-overburden-ratio coal exploration program in the Lower South pit, within Line Creek mine (86). A total of 6300 metres of rotary drilling had been completed by year end, with the program continuing into 1987. The small diamond-drilling program on Burnt Ridge Extension (87) was also funded by FAME.

COAL DEVELOPMENTS

There were no major new developments in the southeast coal mines in 1986. Mining of the high-volatile A-seam on Natal Ridge in Westar's Balmer mine area (88) was commenced, but this pit was inactive for most of the year. At Westar's Greenhills mine (87) a new area called Porter Creek was brought to production. This area contains primarily reserves of 7 and 10-seams.

COAL PRODUCERS

The coal industry in the southeast suffered another year of poor markets and reduced prices for both metallurgical and thermal coal. Total southeast coal production in 1986, at 13.2 million tonnes, was down 14 per cent from the previous year (Table A2). All mines experienced shutdowns during the year, and layoffs were implemented at Balmer, Greenhills, Line Creek and Byron Creek Collieries.

Byron Creek Collieries (89) reduced its workforce from 250 to 110, and its production rate from over a million tonnes to 650 000 tonnes/year. A new preparation plant was completed this year, allowing the processing of stockpiled high-ash coal. The overall production rate at Line Creek mine (86) was reduced from 2.0 to 1.6 million tonnes/year. A four-month labour dispute at Balmer mine (88) resulted in decreased production. Production at the Greenhills mine (87) was about the same as in 1985, while Fording mine (84) exceeded its 1985 production and had its most productive year to date (Table A2).

The last underground coal mine in southeastern British Columbia ceased operation in 1986. The Balmer North mine in Westar's Balmer mine area (88) closed in February. Although underground coal mining had contributed only a small component of total coal production in recent years, this closure still represents the end of an era.

WEST KOOTENAY DISTRICT

By G.G. Addie, District Geologist, Nelson

INTRODUCTION

There were 191 active mineral exploration projects in the district during 1986, an increase of 24 per cent over the previous year. Exploration expenditures were much higher than last year, due to the greater number of drilling programs, mostly on precious metal prospects.

Significant new mineral finds have been made by Granges Exploration Ltd. on the Goldfinch claim group (90) near Camborne, held under option from Windflower Mining Ltd., and by Mikado Resources Ltd. and Turner Energy & Resources Ltd. on their Abbott claim (92) east of Trout Lake.

Esperanza Explorations Ltd. shipped 3458 tonnes of gold ore from the Tillicum property (93) for custom milling. Recovery was over 93.3 kilograms of gold. It has also discovered high-grade gold mineralization on a new level below the "Money Pit". Northair Mines Limited completed a major underground diamond-drilling program (2667 metres) on the Aylwin Creek property (95) south of New Denver. Above average gold values were encountered and the reserve figures are being upgraded. Near Greenwood, Skylark Resources Ltd. and Viscount Resources Ltd. continued underground development work on the Skylark-OB property (104).

EXPLORATION

In the Lardeau area Granges Exploration Ltd. and Windflower Mining Ltd. have made a new gold discovery on the Goldfinch claim group (90) northeast of Camborne. A zone containing at least three parallel veins has been explored by diamond drilling. The main Dorothy vein has been traced over a strike length of 575 metres. The best intersection reported to date returned 25 grams/tonne gold over a core length of 10.2 metres and included 1.5 metres grading 147.4 grams/tonne. An assay of 262 grams/tonne gold over 20 centimetres has been obtained in another hole; both intersections contained visible gold. The Dorothy vein is estimated by Windflower Mining Ltd. to contain 182 000 tonnes of drill-indicated ore grading 10.3 grams of gold per tonne.

Also in the Lardeau, Mikado Resources Ltd. has discovered a polymetallic replacement deposit in the Badshot limestone on the Abbott claim (92) held jointly with Turner Energy & Resources Ltd. Drill-indicated reserves on the Abbott claim are estimated by the company at 30 000 tonnes grading 294 grams/tonne silver, 1.3 grams/tonne gold, 11.08 per cent lead and 14.22 per cent zinc. Mineralization in the outcrop is sufficiently high grade to be considered "direct-shipping ore". On the neighbouring Wagner property (91) Mikado also completed 25 metres of underground development work and seven diamond-drill holes.

In the Slocan mining camp, diamond drilling by Noranda Exploration Company Ltd. at the LH property (96), is reported to have intersected a wide zone of silicified agglomerate and tuff with two gold-bearing zones averaging 5.9 grams/tonne gold and 11.3 grams/tonne gold over 2.6 metres and 14 metres respectively. Mr. Alex Strebchuk continues to find visible gold in skarn and a narrow tension vein on the Caribou property (94) at Hailstorm Mountain; he has driven an adit 7 metres along the vein and hand-picked ore carrying visible gold.

In the Nelson area Ryan Exploration Company has continued its program of reverse circulation drilling on the Star claim (98). Gold values occur in a breccia zone at the contact of the Nelson batholith and Rossland volcanic rocks. Snowwater Resources Ltd. is diamond drilling a quartz vein discovered in January 1986 on the Referendum mine property (99) near Nelson. Lacana Mining Corporation has relinquished its option on the Kena claims (100) after completing 3049 metres of diamond drilling to test a silicified zone in volcanic rocks of the Rossland Group. Gold is present but continuity of values could not be established.

Near the International Boundary, Golden Eye Minerals Ltd. has completed 2692 metres of diamond drilling in six holes on the Red Bird deposit (101) and has intersected an extension of the mineralized zone 600 metres below surface. Assays of 10 per cent combined lead-zinc are reported, largely in oxidized material. Recent drilling has intersected two wide sections of stratabound sulphide mineralization. The continuation of the Annex zone has been identified and mineralization encountered in the Prospect dolomite.

In the Fairview camp, Longreach Resources Ltd. has completed 1280 metres of diamond drilling on the Platinum Blonde claim group (102). Intersections carrying platinum values have been reported and further drilling is planned.

Consolidated Boundary Exploration Ltd. has completed diamond drilling programs at the Golden Crown and Winnipeg mines (105) and on the Hek and Hel claims (106) in the Greenwood camp.

DEVELOPMENTS

MINERALS

In the Slocan mining camp, Esperanza Explorations Ltd. shipped 3458 tonnes of gold ore from Tillicum Mountain (93) for processing at the Robert's Mill in Greenwood. The shipment returned 27 grams per tonne gold representing 93 per cent recovery and indicating that the run-of-mine grade is higher than predicted from diamond-drilling results. Exploration drilling totalled 611 metres from surface and 171 metres underground. A new level below the "Money Pit" has opened up a high-grade oreshoot; drilling below the level indicates continuity. Plans for installation of an on-site mill with a minimim capacity of 90 tonnes/day are under consideration.

A total of 5233 metres of underground diamond drilling was completed on the Willa East zone at Aylwin Creek (95) by Northair Mines Limited. This zone appears to be down-faulted relative to the West zone, allowing the possibility that better grades may be found at depth. Plans are in hand to drift 300 metres on the West zone to provide access for delineation drilling and a bulk sample for metallurgical testing. Acquisition of a pilot mill is also under consideration. Drill-indicated reserves in the West zone are currently estimated by the company at 849 000 tonnes with an average grade of 5.49 grams/tonne gold and 0.82 per cent copper. Reserves in the main or Willa zone were similarly estimated last year at 3.4 million tonnes with an average grade of 1.48 grams per tonne gold, 4.8 grams/tonne silver and 0.32 per cent copper. These figures are presently being upgraded.

In the Sheep Creek mining camp, Gunsteel Resources Inc. has been successful in increasing the grade of its ore reserves at the Nugget mine (213), now quoted at 34 580 tonnes grading 13 grams gold per tonne. An additional 18 200 tonnes grading between 6.8 and 14 grams gold per tonne is available from other parts of the property. Exploration on the Nugget 100 sublevel and the Calhoun vein 4 level has been especially successful. An underground drill program is underway to test sections of the Nugget, Calhoun, O'Donnell, North Motherlode, Ridge and Motherlode veins.

At the Union mine (103) north of Grand Forks, Sumac Ventures Inc. (formerly Summit Ventures) continued development raising to block out ore below previously mined stopes. Assays from one mineralized shoot are reported to average 17.6 grams gold and 643 grams silver per tonne over a strike length of 9 metres and a width of 90 centimetres. A raise from 4 level intersected the Union vein some 40 metres below the old workings; assays averaged 15 grams gold and 610 grams silver per tonne over a true width of 1.6 metres. Diamond drilling is in progress to test for vein extensions above existing stopes.

Development work by Skylark Resources and Viscount Resources at the Skylark-OB property (104) has focused on a narrow vein containing very high-grade native silver mineralization. Work completed includes a 78-metre decline, a 9-metre crosscut, 55 metres of drifting and a 15-metre raise. Surface work included 427 metres of reverse circulation drilling.

PLACER

Queenstake Resources Ltd. has excavated 15 metres to bedrock over a large area on Placer Leases 1773 and 1775 in the Moyie River area (107). Fair gold values are reported from the bottom 3 metres of gravel. Extensive upstream testing is planned before extending the pit.

PRODUCERS

Production (1985) from the Sullivan mine (108) of Cominco Ltd. totalled 2.397 million tonnes of ore with an average grade of 4.1 per cent zinc, 5.1 per cent lead and 57.4 grams/tonne silver.

Production (1985) from the Silvana mine (97) of Dickenson Mines Limited totalled 22 693 tonnes of ore with an average grade of 648.2 grams/tonne silver, 6.59 per cent zinc and 9.37 per cent lead. A total of 2896 metres of underground diamond drilling was completed.

SOUTH-CENTRAL DISTRICT

By S.A. Crawford and R.E. Meyers, District Geologist, Kamloops

INTRODUCTION

The focus of exploration in south-central British Columbia was again on precious metal deposits. Targets include epithermal and mesothermal vein and replacement deposits such as those in the Gold Bridge camp, skarn deposits as at Hedley, and polymetallic massive sulphides in the Adams Plateau area. Metallic mineral exploration increased moderately in 1986, while placer activity fell back slightly to 1984 levels. Several companies are drilling targets discovered by grassroots exploration carried out within the last five years, such as the Bonaparte property (133), while others are re-evaluating old properties such as the Stemwinder (148). Projects at an advanced stage of exploration include the Rea-HN (125), Congress (114), J & L (134) and Lumby (136) properties. British Columbia will have a new major gold producer when Mascot Gold Mines Limited begins production at the Nickel Plate mine (144). The projected start-up date is mid-1987 and construction is currently slightly ahead of schedule.

EXPLORATION

GOLD BRIDGE CAMP

The Gold Bridge camp continued to receive attention from a number of companies. Levon Resources Ltd. is currently drifting on the Howard zone at the Congress property (114), following a program of surface drilling and trenching. Indicated reserves as of November 1986 are reported by the company at 607 500 tonnes with an average grade of 8.2 grams/tonne gold; slightly less than half this amount is contained in the Howard zone. The ore is localized on stratigraphic or intrusive contacts complicated by three episodes of faulting. The resulting oreshoots are steeply plunging pods within broader zones of alteration and low-grade mineralization. Eight zones have been recognized to date, the most significant being the Howard, Lou and Congress zones. Sixteen drill holes, totalling 2591 metres, tested the Lou zone over 60 per cent of its 900-metre strike length; four holes intersected mineralization reported to assay greater than 10.6 grams/tonne gold over widths of 2.0 to 3.4 metres. Similar assays were obtained from two of the five holes drilled on the Extension zone. Metallurgical testing indicates that direct cyanide leaching is economically feasible on the surface gossan ores and will achieve 85 per cent gold recovery; vein ores require a preleach bacterial treatment, but 95 per cent recovery is attainable.

Soil sampling and trenching on Levon's BRX property (115) led to the discovery of six new veins and also extended the Rand, Joni and California veins.

Normine Resources Ltd. has been exploring for the extension of the Bralorne-Pioneer vein system on the Pacific Eastern property (116). Two holes were drilled to depths of 823 and 623 metres this year. One tested a previously unexplored area south of Cadwallader Creek and, at a depth of 365 metres, intersected the quartz diorite complex which hosts economic veins at the Pioneer mine. A 238-metre intersection of carbonatized diorite and quartz diorite, also known as "soda granite", contains more than 25 quartz veins ranging from 2.5 to 76 centimetres in width. Several veins are sheared, banded, or ribbon-textured, and contain pyrite or arsenopyrite. More detailed drilling will be required to test this favourable geological setting.

No work was done on the Bralorne mine in 1986 as Mascot Gold Mines Limited concentrated its efforts on the Nickel Plate project. Further south along Cadwallader Creek, Trans-Atlantic Resources Inc. and Armeno Resources Inc. conducted a drilling and surface exploration program on the Standard property (117). They tested several mineralized and silicified zones first explored in the 1930s when the No. 2 zone was sampled in a crosscut 45 metres below surface and reported to assay 4.3 grams/tonne gold across a width of 21 metres (Minister of Mines Annual Report, 1933, page A273). Eighteen holes, totalling 2200 metres, were drilled in 1986 to test five areas of anomalous gold in soils and outcrop. The Upper Piebiter showing has a surface expression 100 metres long by 25 metres wide; the average grade of surface samples is 1.4 grams/tonne gold. Drilling tested the zone over a strike length of 600 metres and obtained several mineralized intercepts assaying 0.3 to 2.4 grams/tonne gold over core lengths of 15 to 35 metres.

On the Anderson Lake property (118) X-Cal Resources Ltd. explored for Pioneer-type veins on the inferred southeast extension of the Cadwallader fault. The company also drilled two showings on the Pilot shear and is dewatering the old Pilot mine (113) where assays of 10.3 grams/tonne gold have been reported from the sheeted vein structure.

Esso Resources Canada carried out a comprehensive surface exploration program on the Hon (109), An, Bluff (110) and Big Creek (111) properties in the Tyaughton Trough northwest of Gold Bridge. The target is gold-silver mineralization, similar to that at the Taylor-Windfall mine and spatially related to the Tchaikazan fault, a major break on strike with important structures in the Bralorne camp. Cretaceous Kingsvale volcaniclastic rocks on the claims are intensely altered and silicified; the alteration assemblage includes alunite, pyrophyllite, kaolinite and sericite and is typical of epithermal systems.

ADAMS LAKE AREA

The level of activity in the Adams Lake area increased this year; several junior and major mining companies explored for polymetallic massive sulphide deposits or gold-bearing iron formations. Late in 1985, Corporation Falconbridge Copper discovered the Silver zone 800 metres northeast of the Discovery zone on the Rea-HN property (125), optioned from Rea Gold Corporation. As of October 1986, significant disseminated and massive sulphide mineralization, with an average width of 2.7 metres, had been traced for 700 metres along strike and 100 metres down dip; the zone is open in all directions. Reserves are currently estimated by Rea Gold at 1.02 million tonnes with an average grade of 1.4 grams/tonne gold, 727.5 grams/tonne silver, 2.89 per cent zinc, 3.20 per cent lead and 1.16 per cent copper. Spectacular high-grade mineralization, with values ranging up to 2850 grams/tonne silver and 20 per cent combined lead-zinc, occurs in some trenches and drill holes. Mineralization lies along the contact between chert and tuffaceous sediments within the Eagle Bay Formation. Rea Gold Corporation continues to drill the original Discovery zone and has added to reserves. Drill-indicated reserves, contained in the L97, L98 and L100 ore lenses, were estimated by the company in July 1986 at 242 870 tonnes averaging 6.5 grams/tonne gold, 73.3 grams/tonne silver, 2.25 per cent zinc, 2.14 per cent lead and 0.53 per cent copper.

On the adjoining Kamad property (126) Esso Resources Canada drilled 11 holes, totalling 1814 metres, on targets outlined by detailed surface work. The Kamad 7 occurrence, identified by drilling in 1985, lies on strike with the Rea Gold Discovery zone; drill-indicated reserves are reported at 45 000 tonnes of high-grade gold-silver-lead-zinc mineralization. The Rea Gold sulphide zones have also been identified on the Twin claims (127) optioned by Esso in November 1986. The claims are located immediately east of Kamad and south of the Rea-HN properties. Coincident geophysical and multi-element geochemical anomalies have outlined targets up to 600 metres long with up to 1400 parts per billion gold in soils.

Corporation Falconbridge Copper also carried out diamond drilling on the Mount Armour (207) property southeast of Barriere, intersecting polymetallic sulphide mineralization. In addition, the company completed surface work on the Bar (123) and Chu Chua (122) claim groups and drilled at Chu Chua where the target is a chert-argillite horizon with disseminated to massive zones of pyrite and pyrrhotite mineralization. Other companies drilling volcanogenic massive sulphide targets in the Eagle Bay and Fennell Formations include Noranda Exploration Company Ltd. at Birk Creek (124), Aurun Mines Ltd. on the Hail-Harper Creek property (120) east of Chu Chua, and Newmont Exploration of Canada Ltd. on the Reg (121) and Water (119) claims to the north.

Rea Gold Corporation (in a joint venture with Verdstone Gold Corporation) discovered several new lead-zinc showings on the CK property (130), located 47 kilometres northeast of Clearwater. Previous drilling outlined the "New Showing", a zone of stratabound disseminated sulphides estimated by the company to contain 1.49 million tonnes grading 8.6 per cent zinc, 1.4 per cent lead and 8.6 grams/tonne silver. Trenching in 1986 exposed additional high-grade zinc mineralization to the south.

BONAPARTE LAKE AREA

North of Kamloops Lake, Placer Development Limited drilled 22 holes on the Precisely property (112) to test the Bridge zone. Seven holes returned anomalous gold values; the best intersection was 24.7 grams gold and 144 grams silver per tonne over a 60-centimetre intercept. Drilling resumed in the fall to test a geophysical target north of the Bridge zone.

One interesting development this year is the discovery of gold-quartz veins by Minequest Exploration Associates Ltd. on the Bonaparte property (133) 80 kilometres north of Kamloops. Five clusters of angular to subrounded boulders were outlined in 1985 by detailed prospecting to follow up heavy mineral anomalies in stream sediments. Samples from the boulders assayed from ten to several hundred grams per tonne gold. The property is underlain by locally pyritized Mesozoic and Paleozoic pelites and argillites intruded and hornfelsed by a Mesozoic quartz diorite stock and dyke swarm. All the rocks are cut by numerous quartz veins up to a metre in width and variably mineralized with pyrite, chalcopyrite, pyrrhotite, molybdenite, rare bismuth tellurides and free gold. The company drilled one target early in 1986 and intersected an 85-centimetre quartz vein, similar to the high-grade float, assaying 36.7 grams/tonne gold. Significant gold values are confined to specific veins. An on-going program of trenching and drilling is following up these results. In March 1986 the Province of British Columbia released a large area of the Bonaparte Plateau previously withdrawn from staking. Minequest subsequently staked an additional 224 claim units and have extended exploration northwest of the Discovery zone.

Elsewhere in the Bonaparte area Kerr Addison Mines Ltd. has optioned the Windpass mine (208), east of Little Fort, from Kamad Silver Co. Ltd. and are planning a major program on the property in 1987.

OKANAGAN-REVELSTOKE AREA

On the Brett claims (135) near Vernon, Huntington Resources Inc. drilled 16 holes, totalling 792 metres, to test epithermal gold-silver mineralization. Reported intersections include 9.1 and 6.0 grams/tonne gold over 4.6 and 3.4 metres respectively. The gold is present in veins and shears and also appears to be disseminated in permeable pyroclastic beds.

Quinto Mining Corporation is exploring for new reserves at the Lumby mine (136) east of Vernon. Diamond drilling completed in July intersected anomalous gold values in 19 holes, over a strike length of 400 metres and extending 300 metres down dip. Trenches on this zone exposed mineralization averaging 5.8 grams/tonne gold over widths of 6 to 10 metres together with silver values up to 340 grams/tonne. The mineralization is localized in the contact zone of a diorite stock intruding volcanic and sedimentary rocks of the Nicola Group. The gold is associated with disseminated pyrite in zones of sugary quartz contained within a contact alteration zone 20 to 40 metres wide. The company completed 33 drill holes in 1986 and more than 8500 metres of drilling over the 1985-1986 period.

Noranda Exploration continued its evaluation of the J & L prospect (134) northwest of Revelstoke. Four composite samples of lead-zinc-silver-gold ore, from 29 underground sites, have been shipped for metallurgical testing. Noranda also completed two drill holes following geophysical surveys on the Key (209) claims on Downie Creek, north of Revelstoke. Brican Resources Ltd. has relinquished its option on the Top claims (137) in the Monashee Pass area following an unsuccessful drilling program; the target is fault-controlled epithermal gold-silver mineralization of Tertiary age.

Two old mining camps in the Osoyoos area are being re-examined. In the Fairmont camp, near Oliver, Highland Valley Resources Ltd. is drifting on the Stemwinder vein (148) which, in the past, produced 96 kilograms of gold and 530 kilograms of silver from 27 700 tonnes of ore. Drilling by Cominco Ltd. and Asarco Exploration Company of Canada Ltd. between 1982 and 1984, outlined reserves of 640 000 tonnes grading 3.8 grams gold and 51.4 grams silver per tonne in the Main vein and an additional 185 000 tonnes averaging 9.2 grams gold and 103 grams silver per tonne in the North veins. Current work is concentrated on the North veins where 305 metres of drifting were completed this fall. Camp McKinney (149) is being re-evaluated by Ark Energy Ltd. which is dewatering and rehabilitating the old workings on the Cariboo-Amelia vein which was mined periodically for precious metals between 1894 and 1962. Drilling below the sixth level is planned.

PRINCETON-HEDLEY AREA

Activity in the Hedley camp was highlighted by Mascot Gold Mines' production decision on the Nickel Plate property. Elsewhere Shangri-La Minerals Ltd. has had encouraging results on the Yuniman property (147) southeast of Nickel Plate, intersecting 5.2 metres averaging 4.2 grams/tonne gold in its first hole. Work is focused on the Bush Rat shear zone and the Black Pine quartz stockwork. There are also gold-bearing scapolite skarn showings on the property.

Placer Development Ltd. intersected sulphide-bearing skarn carrying gold values in several holes on the Canty mine property (146) owned by Golden North Resource Corporation, but has since relinquished its option. The best intersection reported was 3.0 metres of 9.3 grams/tonne gold. Golden North has reported drill-indicated reserves of 689 000 tonnes grading 3.7 grams/tonne gold. Mascot Gold Mines has now taken over as operator on the property.

Noranda Exploration drilled 11 holes on the Pine Knot claims (142). High gold assays were obtained from five holes; visible gold is present in carbonaceous stringers within an altered quartz diorite. On the Cahill claims (145), owned by Consolidated Sea Gold Corporation, a fall drilling program is centred on an earlier hole which obtained two mineralized intercepts assaying 3.6 and 8.5 grams/tonne gold over 2.7 metres and 90 centimetres respectively.

Candorado Mines Ltd. is evaluating the feasibility of recovering gold from the Hedley tailings (143) by heap leaching. Assays on 363 composite samples from 59 drill holes indicate a potential reserve of 1.54 million tonnes with an average grade of 1.4 grams/tonne gold. Preliminary metallurgical tests indicate that 70 per cent gold recovery can be achieved.

Worldwide Minerals Ltd. and Lone Jack Resources Ltd. have consolidated claims on Whipsaw Creek (141) and are carrying out a detailed evaluation of the property. Eight holes, totalling 940 metres, were drilled in the winter of 1985-86 and five trenches were excavated last summer. Gold-silver mineralization is associated with disseminated sulphides in flat to gently dipping silicified fracture zones. At the Rabbitt mine, 27 kilometres northwest of Princeton, Twin Eagle Resources Ltd. and partners are drilling the southwest extension of the main Rabbitt vein (139). The mine produced a small tonnage of high-grade gold-silver ore between 1939 and 1941. Abermin Corporation has completed a program of soil sampling, trenching and other surface work on the adjoining Rabbitt claims (138). Huldra Silver Inc. has discovered a new zone of lead-zinc-silver mineralization on strike from the old workings on Treasure Mountain (140). Drilling and trenching have traced the vein over a strike length of 220 metres.

Several companies are staking and working platinum prospects in the Tulameen area, but no programs have yet reached the drilling stage.

Plate A4. Mascot Gold Mines Limited, view of crushing and concentrating plant under construction, October 1986. Pit site in upper left corner.

DEVELOPMENT

Mascot Gold Mines Limited began construction last summer at the Nickel Plate mine (144), a potential world-class open pit gold mining operation and the first of its kind in the province. The company is aiming for a April 1987 start-up of the 2450 tonne/day concentrator and late in 1986 was slightly ahead of shedule and under budget. Production is forecast at 360 troy ounces per day at an estimated cost of $US120 per ounce. Mining has begun in the central pit with ore stockpiled for future milling. Reserves are quoted at 6.4 million tonnes grading 5.14 grams/tonne, with a stripping ratio of 8:1. A recovery rate of approximately 87 per cent is indicated by the feasibility study, but the company hopes to improve on this figure. Mascot continued drilling to test sulphide-bearing horizons adjacent to the pit and has intersected significant gold mineralization.

In the Shuswap Lake area, Killick Gold Company Ltd. shipped 3630 tonnes of lead-zinc-silver ore from the Mosquito King (129) and Silver Lichen (132) properties to its 27-tonne/day mill at Bowler Creek. Killick Gold is also developing the Pisima Mountain property (128) owned by Camber Exploration Company Ltd. Total broken reserves on the three properties are estimated by Killick Gold at 36 300 tonnes averaging 18 per cent combined lead-zinc, 140 grams/tonne silver and 2.4 grams/ tonne gold. The company is also experimenting with leaching techniques to treat gold-bearing iron formation. Nexus Resource Corporation is drilling a siliceous oxide-facies iron formation on its neighbouring Scotch claims (131).

PRODUCERS

In July 1986 Cominco Ltd. and Lornex Mining Corporation formed the Highland Valley Copper partnership to combine their assets in the Highland Valley. Higher grade ore from Cominco's Valley pit (151) will now be treated at the Lornex (152) mill. The resulting reduction in operating costs has already had a positive effect on earnings. A capital expenditure of some $83 million will be made over the next 18 months to increase mining and milling capacity to 109 000 tonnes per day and reduce unit costs to 50 cents (US) per pound of copper in concentrate. Two semimobile crushing plants, said to be among the largest in the world, are currently being installed in the Valley pit.

Teck Corporation continued to develop open pit reserves in the Pothook zone at the Afton mine (150) near Kamloops; the present pit has a life of two years.

Brenda Mines Ltd. (153) operated throughout 1986, increasing production of copper and molybdenum concentrates as a result of mining higher grade ore and improved metal recoveries.

The Similkameen mine (154) of Newmont Mines Ltd. and the Highland Bell mine (204) of Teck Corporation were operated continuously throughout 1986. At Highland Bell, a diamond-drilling program partially funded by a FAME grant, was successful in increasing reserves.

SOUTHWESTERN DISTRICT
By H.P. Wilton, District Geologist, Victoria

INTRODUCTION

Exploration activity in the Southwestern District during 1986, as measured by the number of projects reported, has decreased by 24 per cent compared to 1985. The reduction in activity has occurred uniformly throughout the district with approximately 60 per cent of the significant programs taking place on Vancouver Island, 28 per cent on the southwestern mainland, and the remainder on Texada and the Queen Charlotte Islands. The Sicker volcanic belt of Vancouver Island again attracted the highest level of activity although no major new discoveries have been reported since the success by Abermin Corporation and Laramide Resources Ltd. on the Lara property in late 1984.

Coal exploration has dropped dramatically from six projects in 1985 to only one reported in 1986. Placer activity in the Leechtown camp and near Hope has remained at about the same level as in 1985. There are two major producing mines in the Southwest District, Island Copper and the Myra Falls operations of Westmin Resources Limited. Small quantities of thermal coal were produced from two coal properties in 1986. There are no mines under active development at the present time, but the former Privateer mine at Zeballos and the Chute Creek coal property near Campbell River are undergoing early development work on a small scale.

Exploration targets of primary interest in 1986 continued to be polymetallic massive sulphide deposits and skarns where significant precious metal content has been demonstrated. Numerous precious metal vein occurrences were explored, with growing interest in those that appear to be epithermal in origin. There was increased activity in exploration for platinum group metals at the grassroots level, but so far no promising new projects have been reported which have platinum group metals as the main commodities of interest.

Highlight projects include the Lara polymetallic massive sulphide property west of Chemainus, where Abermin Corporation continues to add to the geological reserves in and around the Coronation zone. Kerr Addison Mines Limited is continuing to receive encouragement at the Abo gold prospect near Harrison Hot Springs. A late-season trenching and drilling program by Better Resources Ltd. at Mount Washington attracted considerable attention as it has significantly extended the known gold-silver mineralization in Tertiary epithermal veins and breccias.

Two developments late in 1986 both appear to indicate the start of significant new activity which will continue into 1987. The reports of exciting gold intersections in two separate zones on the Debbie property by the Westmin/Angle/Nexus group will focus attention on the Port Alberni end of the Sicker belt and may represent the first significant discovery in the Sicker since Lara. Also, the takeover of Consolidated Cinola by City Resources, followed by announcement of an 8800-metre drilling program and an accelerated schedule for development of the Cinola gold deposit, will revive interest in the Queen Charlotte Islands.

EXPLORATION AND PROPERTY DEVELOPMENT

Table A1 lists all those exploration and development projects in the Southwest District on which significant work is known to have been done in 1986. The map numbers listed in the table and shown in brackets after property names in the following text are keyed to the location map, Figure A2.

MINERAL EXPLORATION

VANCOUVER ISLAND

The major concentration of exploration activity in the district in 1986 has been in the Sicker belt of southern Vancouver Island, a package of Paleozoic volcanic and sedimentary rocks extending from Duncan to Port Alberni. The focus of attention within the belt continues to be the Lara property (161), west of Chemainus where the Abermin Corporation and Laramide Resources Ltd. joint venture is continuing to find more mineralization within and on strike with the Coronation zone, a zone of polymetallic massive sulphides hosted in felsic tuffs. Abermin cored about 11 000 metres in 1986, including a row of large-diameter holes in the Coronation zone for a metallurgical sample. No estimates of geological reserves have been published, but the operator has reported that mineralization has been found discontinuously over a strike length of about 1.6 kilometres in three discrete deposits averaging 0.8 per cent copper, 1.3 per cent lead, 6.2 per cent zinc, 113 grams/tonne silver and 5.1 grams/tonne gold over an average width of about 3.7 metres. Drilling and trenching late in the year exposed a higher grade core within the Coronation zone and a newly discovered polymetallic zone, located about 2130 metres to the north, was reported to grade up to 4.7 per cent zinc.

On property adjoining the Lara both on the west (Chip claims) and on the east (Holyoak claims) (162), Falconbridge Limited, in a joint venture with Esso Minerals Canada, carried out extensive geological mapping, geophysics and trenching and completed 6 diamond-drill holes. At Mount Sicker (160) north of Duncan, Corporation Falconbridge Copper completed 14 diamond-drill holes, totalling approximately 2900 metres. Utah Mines Limited drilled eight holes at the JRM property (159) on Mount Brenton. Falconbridge Limited completed geological mapping, geophysical and geochemical programs on both the West property (158) and the PF option (157) near Crofton. The exploration targets on all of the previously mentioned properties are polymetallic massive sulphides in felsic volcanics of the Sicker Group, as found at Lara and the old Lenora and Tyee mines on Mount Sicker.

Elsewhere in the Sicker belt, the joint venture of Nexus Resource Corporation and Reward Resources Ltd. mapped and drilled several copper-zinc-silver-gold-bearing skarn deposits known collectively as the

King Solomon property (156) south of Duncan. International Cherokee Developments Ltd. has assembled a property comprised of five contiguous claim groups stretching from the Chemainus River to Cowichan Lake (163). Preliminary geological and geochemical work, partly joint-ventured with Nexus Resources and Vanwin Resources Corporation, is reported to have delineated copper and gold anomalies in felsic volcanic rocks and in quartz veins. Diamond drilling had begun by year-end with three holes completed on the Mike claims. Utah Mines Limited continued systematic surface exploration of its very large Striker property (164) north of Cowichan Lake. On the Heather property northwest of Cowichan Lake (165) Corporation Falconbridge Copper, with participation by International Cherokee, completed geological mapping and other surface surveys and drilled five holes totalling 548 metres. On Haslam Creek (178) west of Ladysmith, Imperial Metals Corporation drilled one 64-metre hole to test a geophysical/geochemical anomaly in the upper sedimentary part of the Sicker Group.

Nexus Resource Corp. carried out more systematic mapping, geophysics and geochemistry on the Kitkat property (166) in the Nitinat River area. Work in 1985 located showings of stratabound polymetallic mineralization in Sicker volcanic rocks and detected geochemically anomalous platinum, palladium, copper, nickel and chromium in magmatic sulphide concentrations associated with the contacts of diorite intrusions. On the adjacent Raft property (167) Vanwin Resources cored a total of 517 metres in three holes drilled into a copper and zinc-bearing pyritiferous shear zone in basaltic rocks. East of Port Alberni, the joint venture of Westmin Resources, Angle Resources and Nexus Resources began two programs in the Sicker belt late in the year. The Thistle property (168), centred on the old Thistle mine which produced over 6000 tonnes averaging 4.6 per cent copper, 13.4 grams/tonne gold, and 8.2 grams/tonne silver, saw more systematic surface studies and some diamond drilling. Several showings of massive sulphides occur in a mafic flow unit. At year-end, the same joint venture was engaged in a major drilling program, using four drills, on the extensive Debbie property (169) which straddles China Creek and McLaughlin Ridge. The first hole on the Mineral Creek zone returned 4.25 grams/tonne gold over 11.3 metres in a quartz-carbonate alteration zone. On the nearby 900 zone, which consists of bedded chert and jasper in mafic volcanics, several good intersections have been reported, including 4.9 grams/tonne gold over 6.6 metres.

Also in the Sicker belt, near Nanaimo Lakes, Canamin Resources Ltd. drilled seven short, vertical holes on their gold-bearing hematite showing at the Villalta property (179). The company has calculated drill-indicated reserves of 50 000 tonnes grading 5 grams/tonne gold which could be mined at surface. This enigmatic, flat-lying slab of hematite, which averages about 7 to 8 metres in thickness, appears to be a residual deposit formed where a Triassic(?) weathering surface has truncated an auriferous jasper horizon.

At Valentine Mountain (155) near Victoria, Beau Pre Explorations Ltd. conducted minor trenching, bulk sampling, mill tests and geological studies on its gold vein property in the Leech River complex, following termination of its agreement with Falconbridge Limited. Orbex Industries drilled five holes totalling 427 metres on the Silver Dog (210) property near Caycuse, where anomalous gold and silver values were found in a zone of quartz veining and carbonate alteration over 5 metres wide, cutting Bonanza volcanics. Several prospectors were active in the southern part of Vancouver Island but, aside from Valentine Mountain and Silver Dog, no significant projects are known to have been undertaken south and west of the Sicker belt.

On the Kola property (170) about 10 kilometres southwest of Port Alberni, the joint venture of Amstar Venture Corporation and Mariah Resources Ltd. reports having drilled more than 20 holes to test mineralized shear zones in mafic volcanics adjacent to a diorite intrusion. The best intersection assayed 5 grams/tonne gold, 83.65 grams/tonne silver and 8.5 per cent copper over a core length of 1.8 metres. Except for the activity of a handful of prospectors, the Kennedy River gold camp was dormant in 1986, in contrast with its status as one of the "hot spots" two years ago. International Coast Minerals Corp. carried out geophysical surveys, mapping, trenching and bulk sampling on the United Bear group (171) where this author sampled a newly discovered sphalerite-pyrrhotite-bearing quartz vein in 1985 that assayed 42.2 grams/tonne gold across 2.7 metres and 254.4 grams/tonne gold across 0.5 metre. Late in the year, a joint venture was announced between Kerr Addison Mines Limited and International Coast Minerals on the United Tommy gold property located directly across the Kennedy River from the United Bear.

Cominco Ltd. completed geophysical, geochemical and geological surveys on the Tofino Nickel property (172) and then returned the property to the owner. Magmatic sulphides containing ore grade copper and nickel with significant palladium, platinum and silver occur in irregular ultramafic intrusions in metamorphosed Sicker Group rocks. At the Cypress property (173), 13 kilometres north of Tofino, Utah Mines completed geophysical and geochemical surveys on an 80-kilometre grid over volcanic and sedimentary rocks believed to belong to the Sicker Group. Cominco carried out similar surface studies, in the same geological setting, on the large Bedingfield claim group (211) which adjoins the Cypress property on the north.

At Zeballos, McAdam Resources Ltd. drilled several surface holes late in the year to explore narrow, but locally high-grade, gold-bearing structures on the Spud Valley property (175). A successful drilling program in 1985 had located new mineralized structures near the old Goldfield vein workings, where existing reserves are estimated at 390 000 tonnes grading 8.7 grams/tonne gold. The best intersections reported were 18.9 grams/tonne gold over 1.2 metres on the Linton vein and 7.13 grams/tonne gold over 1.36 metres on the AT vein. The Thomson Gold property at Amai Inlet (176) was further examined and six holes, totalling 550 metres, were drilled in the vicinity of the old Fil workings. Taywin Resources Ltd. completed extensive stripping and trenching preparatory to drilling at the Electrum (Sin) property (177) at Malksope River where impressive gold and silver values are present locally in epithermal quartz veins and quartz stockworks. In January of 1986, Acorn Resources Ltd. drilled a gold-bearing shear zone system in Bonanza volcanic rocks at Restless Mountain (184) south of Winter Harbour.

A project which attracted considerable attention in the latter part of 1986 is the Mount Washington property (180) where Better Resources Ltd. conducted an aggressive program of trenching and close-spaced drilling and succeeded in demonstrating a probable connection between the gold and silver-bearing Lakeview vein-breccia zone and the Domineer vein on opposite sides of Breccia Ridge. Both zones are subhorizontal epithermal replacement features which contain gold values ranging from 3 to 15 grams/tonne over widths of 1 to 5.5 metres. The first drill hole into the Murex breccia, approximately 3 kilometres southeast of the Domineer zone, intersected a mineralized diatreme breccia which assayed 5.93 grams/tonne gold over 15.9 metres. A total of 49 holes were drilled, including 39 in the Lakeview-Domineer area and 10 on the Murex zone. Immediately to the west, Iron River Resources Ltd. has found gold-bearing Tertiary diatreme breccias and flat-lying vein-breccias, identical to those on Mount Washington, on the Joe Anne and Rina claims (181) near Divers Lake and along Piggott Creek. Noranda Exploration has optioned the property and completed preliminary geochemical and airborne geophysical surveys. Pan World Ventures Inc. carried out limited geophysical, geochemical and geological surveys on the Lupus property (212) of Proquest Resources, located east of Mount Washington at Wolf Lake. Two gold-bearing vein-breccia zones have been identified on the Lupus claims and are undoubtedly part of the epithermal system being explored on Mount Washington.

TEXADA ISLAND

On Texada Island, Northair Mines Limited completed 13 drill holes totalling 270 metres on the Yew Crown grant part of the Holly property (185). A newly discovered, flat-lying magnetite skarn zone carries gold values averaging about 13 grams/tonne over less than a metre. At Surprise Mountain, Rhyolite Resources Inc. completed detailed geological mapping, geophysical surveys and trenching, and drilled 13 shallow holes on a property covering the three small former producers, Silver Tip, Nancy Bell and Tyee (187). The Silver Tip and Nancy Bell quartz-sulphide vein-shear structures average about 1 metre in width but have been shown to have considerable strike length and to carry erratically high gold, silver and zinc values. Vananda Gold Ltd. has acquired control of a large property, also named Vananda Gold (186), which covers most of the former copper and iron skarn producers in north-central Texada Island, including the Little Billie, Cornell, Copper Queen and Texada Iron mines. In 1986 Vananda systematically reviewed all of the old data and mapped the distribution of various skarn types in detail, prior to defining drill targets most likely to represent additional reserves of gold-bearing skarn. On the Sabine and Newt (188) claim groups at the southern tip of Texada Island, Esso Minerals Canada carried out geological mapping and other surface surveys over a package of volcanic rocks with small sulphide showings that has been previously mapped as Paleozoic Sicker Group.

LOWER MAINLAND

The currently most promising prospect in the southwestern mainland part of the district is the Abo (RN) property near Harrison Hot Springs (195), held under option by Kerr Addison Mines Limited. The targets are large-tonnage, low-grade auriferous quartz vein stockworks in Tertiary quartz diorite intrusions. Work completed in 1986 included a total of 1971 metres of drilling in 15 holes, as well as ongoing mapping and other surveys. Also in the Harrison Lake area, BP Canada Inc., as operator in a joint venture with International Curator Resources Ltd. and Chevron Canada Resources Ltd., drilled 28 holes totalling 2672 metres on the T-zone at the Seneca (194) polymetallic massive sulphide property.

Newjay Resources Ltd. completed a program which included 13 percussion drill holes on the Master Ace gold-silver property (196) in the Coquihalla gold belt east of Hope.

In the Indian River-Furry Creek area near Brittania (189), Corporation Falconbridge Copper drilled five holes totalling about 950 metres on an extensive property optioned from Fleck Resources Ltd.; the target is polymetallic massive sulphides in felsic volcanics of the Cretaceous Gambier Group. Falconbridge Limited carried out preliminary surface mapping and geochemistry in a similar geologic setting on its Callaghan (Edna) property on Callaghan Creek (190).

At Lang Bay south of Powell River (191), Fargo Resources Limited completed refraction seismic surveys and drilled nine rotary holes totalling 300 metres on its germanium/gallium prospect. Mineralization occurs in flat-lying carbonaceous sandstone and lignite beds of late Cretaceous or Tertiary age. Samples from the rotary drilling are being used for metallurgical tests attempting to improve germanium and gallium recovery.

At the Alexandria gold property on Phillips Arm (192), Charlemagne Resources Ltd. completed soil surveys and began drilling in December on a long soil and VLF anomaly believed to indicate a mineralized trend extending continuously for a distance of up to 5.5 kilometres northwestward from the Alexandria mine, through the Doratha Morton property to the Champion/Commonwealth area. On the Doratha Morton property (193), Signet Resources Inc. drilled a total of 438 metres in six diamond-drill holes early in the year and continued with additional stripping, trenching and bulk sampling.

QUEEN CHARLOTTE ISLANDS

Exploration activity on the Queen Charlotte Islands was at a very low ebb in 1986, with only three significant projects reported. At the Golden Dyke project (197) on Rennell Sound, Noranda Exploration carried out extensive geological mapping as well as IP and geochemical surveys, followed late in the season by a modest drilling program. The target is an epithermal precious metal deposit in a regional swarm of sheared and altered feldspar porphyry dykes which locally contain gold-bearing pyrite and stibnite mineralization. At the Crescent claim group (198) on northern Moresby Island, Goldenlode Resources Ltd. completed soil and rock geochemical surveys and detailed geophysics on a gold prospect. Late in the year, Consolidated Cinola Mines Ltd., renamed City Resources (Canada) Ltd., initiated a major drilling program designed to firm up reserve estimates on the Babe (199) epithermal gold deposit on Graham Island. This followed the announcement that City Resources (Asia) Ltd. had purchased a controlling interest in the company.

COAL EXPLORATION

The only coal exploration project reported in the Southwest District in 1986 involved reconnaissance geological mapping by Esso Resources Canada Limited on its newly acquired coal licences in the Quatsino Sound area of northern Vancouver Island (183). The purpose was to evaluate potential coal resources in the Cretaceous Queen Charlotte Group northwest and east of Winter Harbour.

DEVELOPMENT

There are no properties in the district that are under active development at the present time. However, New Privateer Mines Limited has continued to develop and sample underground workings on the 1100 level at the Privateer mine near Zeballos (174). The work is designed to clarify the ore reserve picture and experiment with milling procedures. On Texada Island, Rhyolite Resources Ltd. is reported to be constructing a small flotation mill near Vananda, to process gold mineralization from the high-grade zone on the Holly property, the Bolivar deposit and other gold properties on the island. On the Chute Creek coal property south of Campbell River (182), Nuspar Resources Ltd. opened a 46-metre adit into one of the coal horizons and has applied for a permit to extract 150 tonnes of thermal coal.

PLACER ACTIVITY

Placer mining activity remained at about the same level as in 1985. In the Leechtown area of southern Vancouver Island there are two moderate-sized operations on the Sooke River and about nine smaller panning or sluicing operations on the Leech and Sooke Rivers or their tributaries. An indefinite but smaller number of placer operations are reported in the Fraser River valley upstream from Hope.

PRODUCING MINES

Table A2 provides details of the two major producing metal mines and two small coal producers in the Southwestern District.

The Myra Falls operation (200) of Westmin Resources Limited, at the south end of Buttle Lake, continued in full production through 1986 with the new H-W mine and 2720 tonne/day mill now in full operation after opening in 1985. Copper, zinc, lead, gold and silver are produced from polymetallic massive sulphide deposits in rhyolite volcanic rocks of the Myra Formation. Combined proven and probable reserves for the H-W, Lynx and Price deposits were reported at the beginning of 1986 to be 11.95 million tonnes containing 2.4 grams/tonne gold, 40.1 grams/tonne silver, 2.56 per cent copper, 0.37 per cent lead, and 5.44 per cent zinc. Exploration on the property is ongoing and consists mainly of systematic underground drilling in the H-W zone resulting in steady improvement of reserves and structural definition of the H-W deposit. At the smaller Lynx mine, some exploratory drilling is being carried out ahead of development on the West "G" zone.

The Island Copper mine of Utah Mines Limited near Port Hardy (201) continued to produce and sell concentrates containing copper, molybdenum and gold from a porphyry deposit associated with a Jurassic quartz-feldspar porphyry dyke intruding Bonanza Group andesitic tuffs. The daily mill throughput is about 47 200 tonnes. Improvements in operational efficiency over the past year include modifications to the milling circuit and installation of a mobile crusher and conveyor belt system in the pit to move crushed ore directly from the pit-bottom to the mill. Drilling in the southeast corner of the pit in 1985 defined a substantial tonnage of additional ore-grade mineralization extending outside the design limits of the present pit. Geotechnical studies have been initiated to determine how the potential new reserves can be recovered. Exploration drilling of geological and geophysical-geochemical targets elsewhere on the mine property is continuing in an ongoing search for new ore zones.

Two coal properties produced small quantities of thermal coal for the local market in 1986. The Wolf Mountain mine (202) southwest of Nanaimo produced intermittently through the year at a rate of about 100 tonnes per day. At the Quinsam coal property (203) at Middle Quinsam Lake approximately 10 000 tonnes of coal were produced in 1986 for local use; full development of a 910 000-tonne/year thermal coal mine remains on hold pending improved market conditions.

INDUSTRIAL MINERALS

By Z.D. Hora, Industrial Minerals Specialist, Victoria

INTRODUCTION

The 1986 production levels of the traditional industrial minerals, aggregate, asbestos, gypsum, jade, limestone (used for lime, cement and fillers), magnesite and silica, followed established patterns in 1986 and have not changed significantly from previous years. There are, however, several new developments which are outlined below.

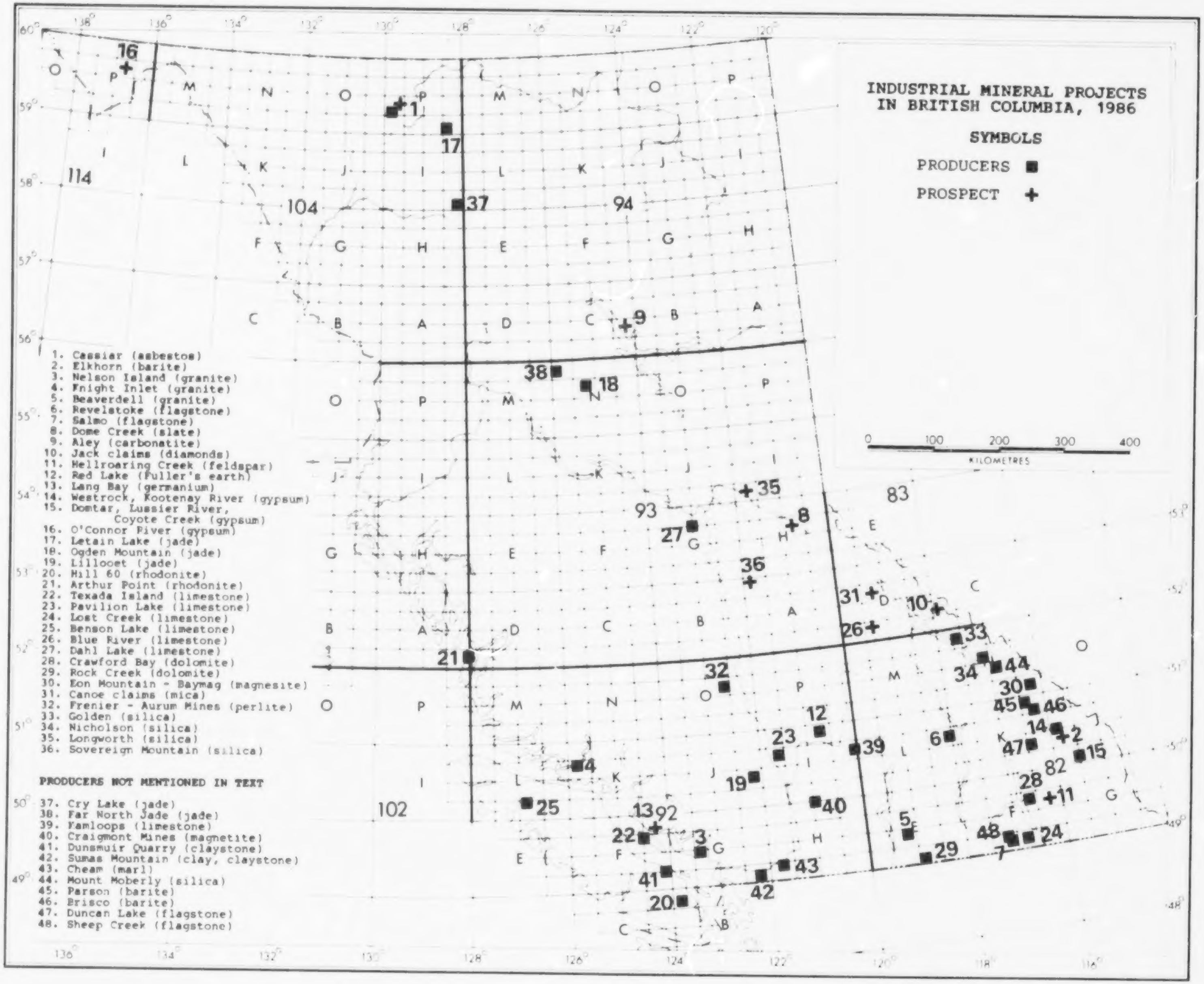
INDUSTRIAL MINERAL PROJECTS
IN BRITISH COLUMBIA, 1986
SYMBOLS
PRODUCERS ■
PROSPECT +
0 100 200 300 400
KILOMETRES
1. Cassiar (asbestos)
2. Elkhorn (barite)
3. Nelson Island (granite)
4. Knight Inlet (granite)
5. Beaverdell (granite)
6. Revelstoke (flagstone)
7. Salmo (flagstone)
8. Dome Creek (slate)
9. Aley (carbonatite)
10. Jack claims (diamonds)
11. Hellroaring Creek (feldspar)
12. Red Lake (Fuller's earth)
13. Lang Bay (germanium)
14. Westrock, Kootenay River (gypsum)
15. Domtar, Lussier River, Coyote Creek (gypsum)
16. O'Connor River (gypsum)
17. Letain Lake (jade)
18. Ogden Mountain (jade)
19. Lillooet (jade)
20. Hill 60 (rhodonite)
21. Arthur Point (rhodonite)
22. Texada Island (limestone)
23. Pavilion Lake (limestone)
24. Lost Creek (limestone)
25. Benson Lake (limestone)
26. Blue River (limestone)
27. Dahl Lake (limestone)
28. Crawford Bay (dolomite)
29. Rock Creek (dolomite)
30. Eon Mountain - Baymag (magnesite)
31. Canoe claims (mica)
32. Frenier - Aurum Mines (perlite)
33. Golden (silica)
34. Nicholson (silica)
35. Longworth (silica)
36. Sovereign Mountain (silica)
PRODUCERS NOT MENTIONED IN TEXT
37. Cry Lake (jade)
38. Far North Jade (jade)
39. Kamloops (limestone)
40. Craigmont Mines (magnetite)
41. Dunsmuir Quarry (claystone)
42. Sumas Mountain (clay, claystone)
43. Cheam (marl)
44. Mount Moberly (silica)
45. Parson (barite)
46. Brisco (barite)
47. Duncan Lake (flagstone)
48. Sheep Creek (flagstone)
114
104
94
93
83
102
82
92
60°
59°
58°
57°
56°
55°
54°
53°
52°
51°
50°
49°
48°
138°
136°
134°
132°
130°
128°
126°
124°
122°
120°
118°
116°

Figure A5. Selected industrial mineral projects in British Columbia, 1986.

ASBESTOS

Investigation of the underground McDame orebody at Cassiar (1)* continued during 1986 by extending the existing adit into the ore zone and by underground drilling.

BARITE

Due to the low demand by the oil and gas drilling industry the Fireside operation of Magcobar Minerals was inactive in 1986, the Parson mine of Mountain Minerals Ltd. was shut down in August and the Silver Giant mine of Baroid of Canada Ltd. closed indefinitely. Bar-Well Resources Ltd. completed minor exploration work on its Elkhorn (2) property near Windermere.

BUILDING STONE

Production of flagstone from both Revelstoke (6) and Salmo (7) was reduced due to poor demand from Alberta customers. The CANROC processing plant in Delta reopened in September, after several months of shutdown, and is processing "coastal granite" from Nelson Island (3) and granite from Beaverdell (5) to produce flooring tile, facing stone and monument stone. Kellard Marble Inc. is producing "dark blue granite" on a small scale from its quarry on Knight Inlet (4) for use as monument stone.

NEW DEVELOPMENTS

A deposit of green slate at Dome Creek (8), near McBride, is being examined for roofing and flagstone applications.

CARBONATITES

Cominco Ltd. continued exploration of the Aley deposit (9) and reported significant niobium values. Rare earth minerals reported from this property are a curiosity with no commercial accumulations.

DIAMONDS

Dia Met Minerals Ltd. of Kelowna is drilling the Jack diatreme (10) north of Golden. A microdiamond was reported from this property in 1985.

FULLER'S EARTH

The production of industrial and domestic absorbents from the Red Lake deposit (12) near Kamloops continued successfully during 1986. At present the operator, D.E.M. Resource Processors Ltd., is planning the construction of a larger processing plant to meet the increasing demand for its product.

*Properties referred to in the text are keyed, by map number, to Figure A5.

FELDSPAR

NEW DEVELOPMENTS

Following CAMROC's unsuccessful attempt to develop a feldspar deposit near Boston Bar in 1985, Bearcat Explorations Ltd. is re-evaluating its beryllium prospect at Hellroaring Creek (11) near Kimberley as a feldspar deposit. Bulk sampling and mineral processing studies were carried out during 1986.

GYPSUM

Both Westrock Industries Limited (14) and Domtar Inc. (15) produced gypsum from their properties near Windermere and Canal Flats. The O'Connor River deposit (16) in the northwestern part of the province was drilled by Queenstake Resources Ltd.

NEW DEVELOPMENTS

Domtar Inc. explored two deposits in the Lussier River (15) and Coyote Creek (16) areas and Westrock Industries evaluated the Kootenay River Claim Group (14).

SEMIPRECIOUS STONES

JADE

Exploration work was reported by Mohawk Oil Canada Ltd. at Letain Lake (17) and by Far North Jade Ltd. on Ogden Mountain (18). Both companies are established producers from these properties. Limited exploration on properties near Carpenter and Anderson Lakes in the Lillooet area (19) was carried out by individual prospectors.

RHODONITE

A small quantity of rhodonite processed into jewelry and souvenir carvings came onto the market from deposits at Hill 60 (20) near Duncan and from Arthur Point (21) south of Bella Coola.

GERMANIUM

NEW DEVELOPMENTS

Fargo Oil Corporation reported exploration drilling on its Lang Bay (13) germanium prospect south of Powell River.

LIMESTONE

With one exception, limestone production from Texada Island (22) and in the British Columbia interior continued during 1986 without significant changes. Canada Cement Lafarge Ltd. however, announced in July that the Vananda quarry on Texada Island will be shut down.

NEW DEVELOPMENTS

Ekaton Energy Ltd. of Calgary reported bulk sampling and testing of white marble from Blue River (26) near Clearwater for possible applications as a filler in the paper industry.

MAGNESITE

Production from the Baymag Mines Co. deposit (30) on Eon Mountain continued during 1986 at a similar rate as in the previous year.

MICA

There is renewed interest in the mica prospect near Valemount. Outland Resources Corp. reports reopening old trenches and bulk sampling the high-mica schist on the Canoe claims(31).

PERLITE

In the spring of 1986, Aurun Mines Ltd. began production from its new processing plant in Surrey. Production from the Frenier deposit (32), south of Gang Ranch, reached 3000 tonnes per year.

SILICA

Production of lump silica from Nicholson (34) and silica sand from Golden (33) proceeded as in previous years.

NEW DEVELOPMENTS

Consolidated Silver Standard Mines Limited reported positive results from the exploration work completed in previous years on silica properties on Bearpaw Ridge near Longworth (35), east of Prince George.

TALC

NEW DEVELOPMENTS

Trifco Minerals Ltd. reported exploration drilling and sampling on a talc deposit near Sovereign Mountain (36), 36 kilometres southeast of Quesnel.

GOVERNMENT STUDIES

Field activities in industrial minerals increased significantly compared to previous years. The results of eight field studies are reported in detail in Geological Survey Branch Paper 87-1, Geological Fieldwork, 1986. Topics covered include granite and marble dimension stone, olivine for foundry sand applications, carbonatites and ultramafic diatremes, phosphate resources and the industrial mineral potential of volcanosedimentary rocks in the Tertiary basins of southern British Columbia.

PART B

GEOLOGICAL DESCRIPTIONS
OF
PROPERTIES

PART B

GEOLOGICAL DESCRIPTIONS
OF
PROPERTIES

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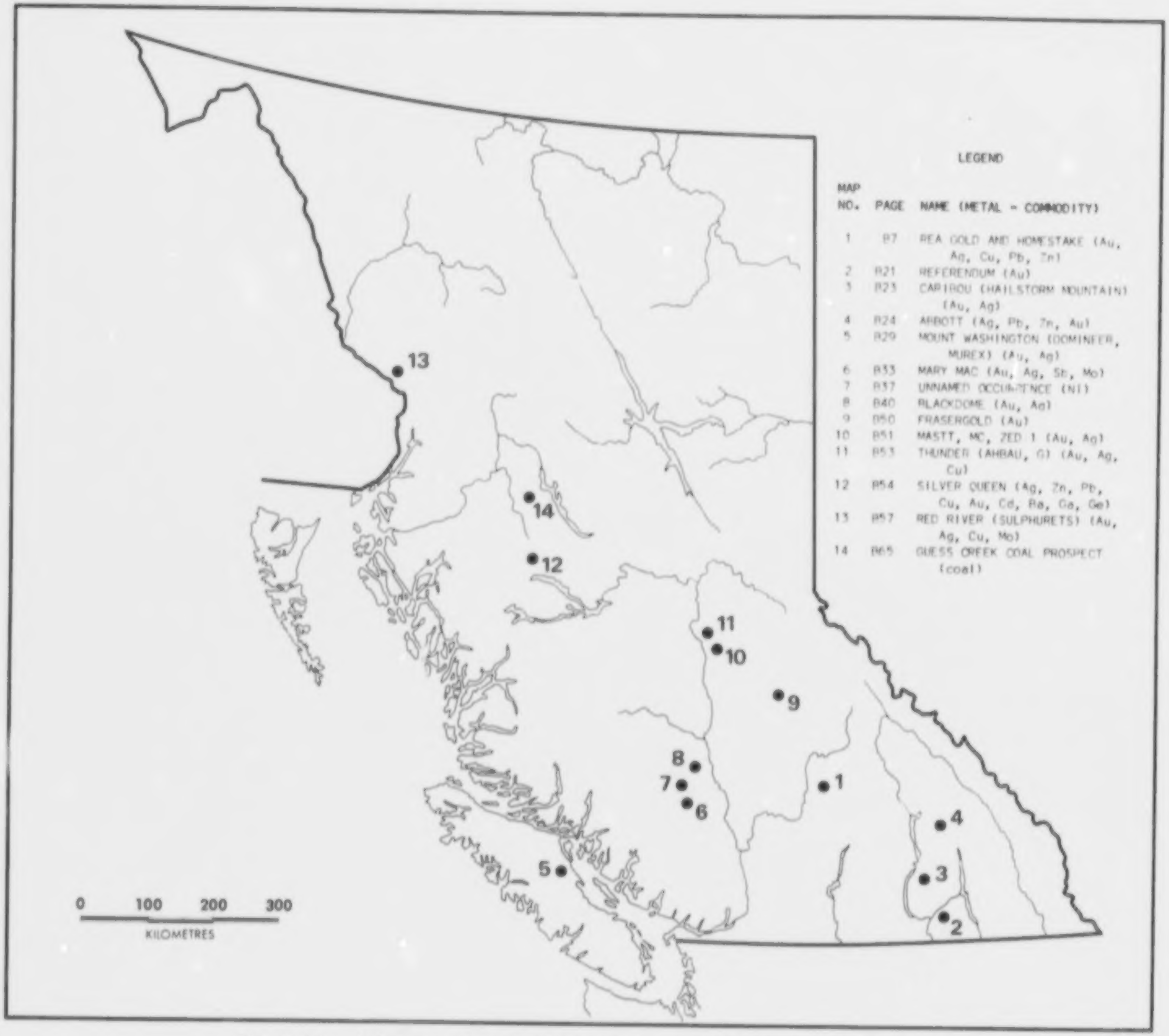

LEGEND

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1	B7	REA GOLD AND HOMESTAKE (Au, Ag, Cu, Pb, Zn)
2	B21	REFERENDUM (Au)
3	B23	CARIBOU (HAILSTORM MOUNTAIN) (Au, Ag)
4	B24	ABBOTT (Ag, Pb, Zn, Au)
5	B29	MOUNT WASHINGTON (DOMINEER, MUREX) (Au, Ag)
6	B33	MARY MAC (Au, Ag, Sb, Mo)
7	B37	UNNAMED OCCURRENCE (Ni)
8	B40	BLACKDOME (Au, Ag)
9	B50	FRASERGOLD (Au)
10	B51	MASTT, MC, ZED 1 (Au, Ag)
11	B53	THUNDER (AHBAU, G) (Au, Ag, Cu)
12	B54	SILVER QUEEN (Ag, Zn, Pb, Cu, Au, Cd, Ba, Ga, Ge)
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Figure B1. Index map of properties, Part B, geological descriptions.

METALS

ALTERATION, CHEMISTRY AND TECTONIC SETTING OF VOLCANOGENIC MASSIVE SULPHIDE-BARITE DEPOSITS AT REA GOLD AND HOMESTAKE SOUTHEASTERN BRITISH COLUMBIA

(82M/4W)

By Trygve Höy

INTRODUDCTION

The Rea Gold (82M-191) and Homestake (82M-025) deposits are lenses of massive sulphides and sulphide-barite in Devono-Mississippian Eagle Bay Formation rocks of the Omineca Crystalline Belt in southeastern British Columbia. They occur within the Shuswap highlands, just west of Adams Lake and are readily accessible by gravel roads leading east from Louis Creek on Highway 5.

The Rea Gold lenses are within Unit EBF, a thick sequence of mafic to felsic volcaniclastic rocks (Schiarizza and Preto, 1984; Schiarizza, 1987). The sequence is underlain by predominantly sericitic phyllites derived from felsic to intermediate volcanic rocks and overlain by predominantly metasedimentary rocks. Regional mapping (Schiarizza and Preto, op. cit.) has shown that the Rea Gold lenses and host succession are in an inverted structural panel on the northern limb of a northwest-trending overturned syncline. The Homestake deposit is within underlying sericite phyllites derived from felsic to intermediate volcanic rocks of Unit EBA on the southern limb of the syncline. The sulphide and barite lenses at Homestake are interpreted to be right-wav-up (Höy and Goutier, 1986).

The purpose of this paper is to document recent exploration at Rea, to describe the alteration surrounding two of the sulphide lenses, to define the lithologies and depositional environment of host rocks, and to compare this environment to that at the Homestake deposit.

Although the Eagle Bay Formation has been studied extensively for its mineral potential, few major or trace element data on it have been published, and interpretations regarding tectonic setting are restricted to general terms such as "volcanic arc" (Preto, 1978). Considering its thickness and variability, it is probable that a variety of oceanic volcanic settings are included in it. For example, host rocks for the Rexspar deposit, presumably correlative with Unit EBF (P. Schiarizza, personal communication, 1987) are alkaline, predominantly trachytic (Preto, 1978) whereas the mafic to felsic rocks hosting Homestake are interpreted to be calc-alkaline (Höy and Goutier, 1986). It is therefore necessary to restrict discussions of lithologic types and settings to specific packages within the Eagle Bay Formation, such as the host Rea Gold succession or host Homestake succession.

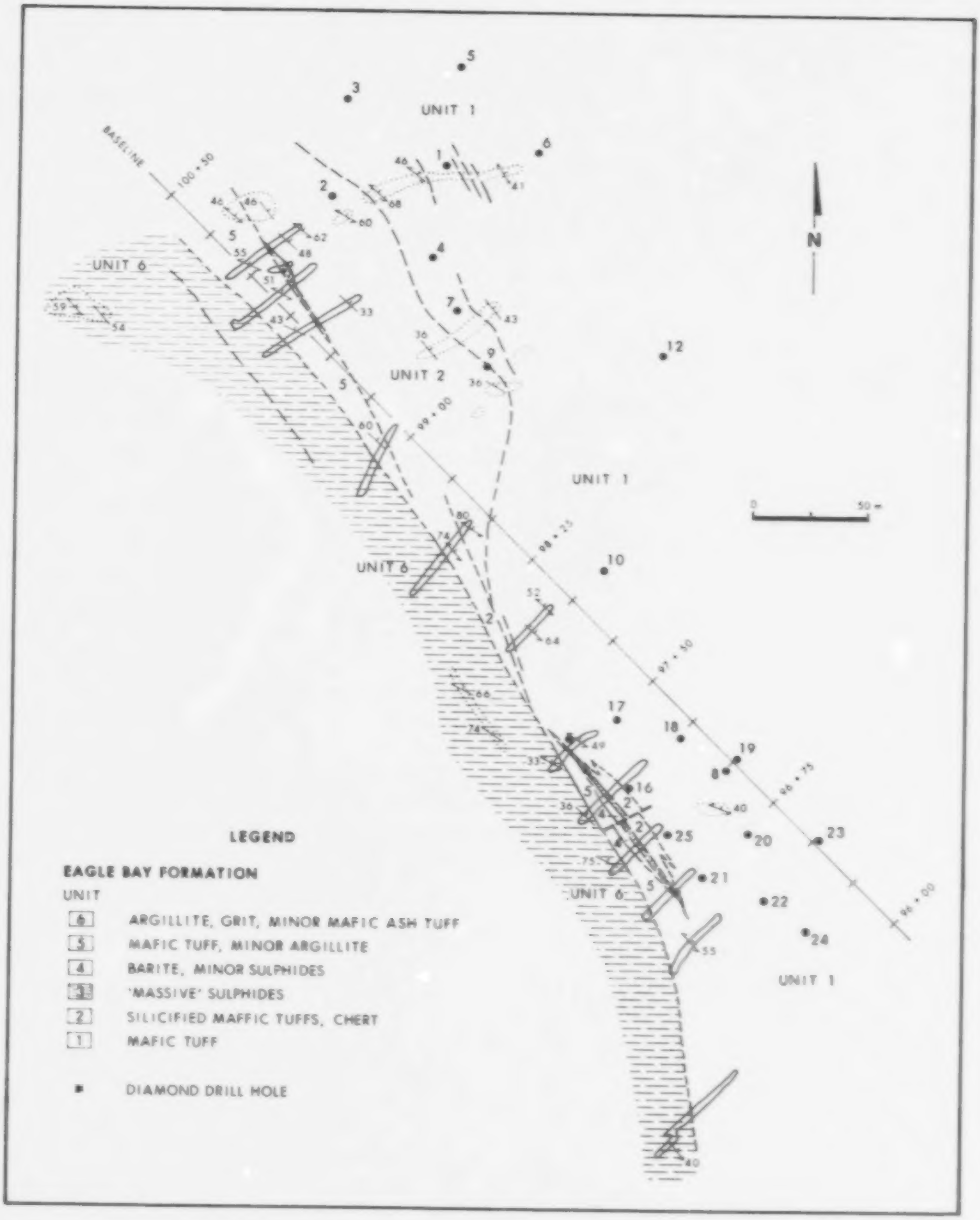
UNIT 1
UNIT 2
UNIT 6
BASELINE
100 + 50
99 + 00
98 + 25
97 + 50
96 + 75
96 + 00
N
0
50 m
1
2
3
4
5
6
7
8
9
10
12
16
17
18
19
20
21
22
23
24
25
LEGEND
EAGLE BAY FORMATION
UNIT
6 ARGILLITE, GRIT, MINOR MAFIC ASH TUFF
5 MAFIC TUFF, MINOR ARGILLITE
4 BARITE, MINOR SULPHIDES
3 'MASSIVE' SULPHIDES
2 SILICIFIED MAFFIC TUFFS, CHERT
1 MAFIC TUFF
● DIAMOND DRILL HOLE

Figure B2. Geological map of the L97 and L100 lenses, Rea Gold (from Höy and Goutier, 1986).

REA

Four zones of massive sulphide mineralization are known on the property. The L100 and L97 lenses (Figure B2) were discovered by A. Hilton and R. Nicholl in 1983. The property was then optioned to Rea Gold Corporation who in turn optioned it to Corporation Falconbridge Copper. A third lens, the L98, located approximately 100 metres north of the L97 lens, and the "silver zone", approximately 1 kilometre further north, were discovered in late 1985. Drilling has resulted in reserve estimates by Rea Gold of lenses L97, L98 and L100 totalling 242 870 tonnes containing 6.5 grams/tonne gold, 73.3 grams/tonne silver, 2.25 per cent zinc, 2.14 per cent lead and 0.53 per cent copper. "Silver zone" reserves are currently estimated by Rea Gold to include 1.02 million tonnes containing 1.4 grams/tonne gold, 727 grams/tonne silver, 2.9 per cent zinc, 3.2 per cent lead and 1.2 per cent copper.

Detailed mapping of the succession around the L97 and L100 lenses has shown that they are overturned (I. Pirie, Corporation Falconbridge Copper, personal communication, 1985; Höy and Goutier, 1986) and a "footwall" alteration zone now forms the structural hangingwall of the lenses. The succession, based on a profile through the L97 lens at drill hole 19, is schematically illustrated in Figure B3. Similar profiles can be drawn from other drill hole intersections. Mafic tuffs (Unit 1) are stratigraphically overlain by a highly altered stockwork feeder zone (Unit 2). Unit 2 includes extensively altered mafic tuffs, with only minor, thin, more felsic ash tuff layers and thin chert exhalite layers. A thin sequence of mafic tuffs (Unit 5), overlain by coarse clastic metasedimentary rocks of Unit 6, lies stratigraphically above the sulphide-barite lens.

ALTERATION

Volcanic rocks within several hundred metres of the sulphide lenses are pervasively altered to an assemblage of chlorite, ankerite, albite, sericite, pyrite and epidote (Figure B3). Chlorite is conspicuous in the matrix and is commonly overgrown by carbonate and sericite. Plagioclase occurs in mosaics of finely recrystallized grains and as primary minerals in crystal tuffs. With increasing intensity of alteration in Unit 1, as the contact with Unit 2 is approached, crosscutting veinlets and clear grains of quartz become prominent and sericite content remains constant whereas other major minerals are markedly depleted (Figure B4).

Unit 2 is distinguished by a rather abrupt and marked increase in silica content, in the form of quartz veins, thin to relatively thick chert layers, discontinuous chert lamellae and fragmental chert. Sericite content also increases and ankerite, chlorite and albite content decreases (Figure B4). Volcanic rocks that originally overlay the sulphide lens (Unit 5) are also characterized by intense "propylitic" alteration, similar to Unit 1, but are considerably less silicified and sericitized.

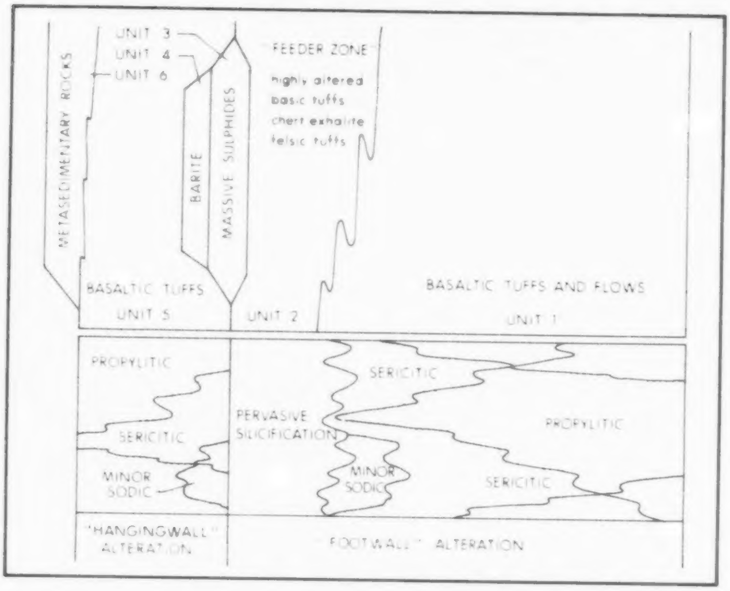
METASEDIMENTARY ROCKS
UNIT 3
UNIT 4
UNIT 6
BARITE
MASSIVE SULPHIDES
"FEEDER ZONE"
highly altered
basic tuffs
chert exhalite
felsic tuffs
BASALTIC TUFFS
UNIT 5
UNIT 2
BASALTIC TUFFS AND FLOWS
UNIT 1
PROPYLITIC
SERICITIC
MINOR SODIC
PERVASIVE SILICIFICATION
SERICITIC
MINOR SODIC
PROPYLITIC
SERICITIC
"HANGINGWALL" ALTERATION
"FOOTWALL" ALTERATION

Figure B3. Schematic section through the L97 lens at drill hole 19, and alteration zones.

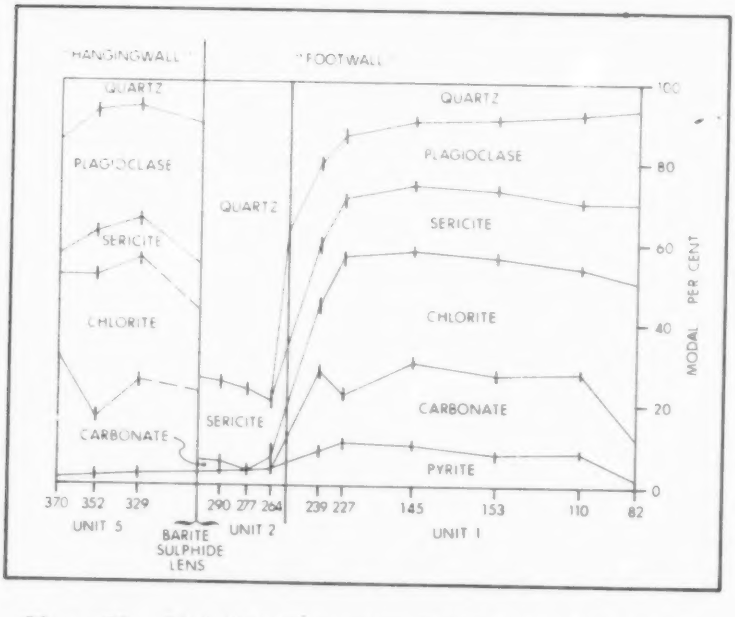

Figure B4. Distribution of major minerals involved in alteration of mafic volcanic rocks in both the "hangingwall" (Unit 5) and "footwall" (Units 1 and 2) L97 lens, Rea Gold. The sample numbers refer to feet from surface in drill hole 19; note section is inverted.

Mineralogical changes are reflected by changes in major element chemistry. A high MgO/CaO ratio (Figure B5) is indicative of the extensive alteration of Units 1, 2 and 5. SiO_2 and K_2O increase dramatically within Unit 2, whereas all other major elements decrease (Figure B6). This change is due primarily to SiO_2 and K_2O introduction during alteration, rather than to a change in host lithologies; analyses of thin layers of exhalite chert or felsic tuff are not plotted.

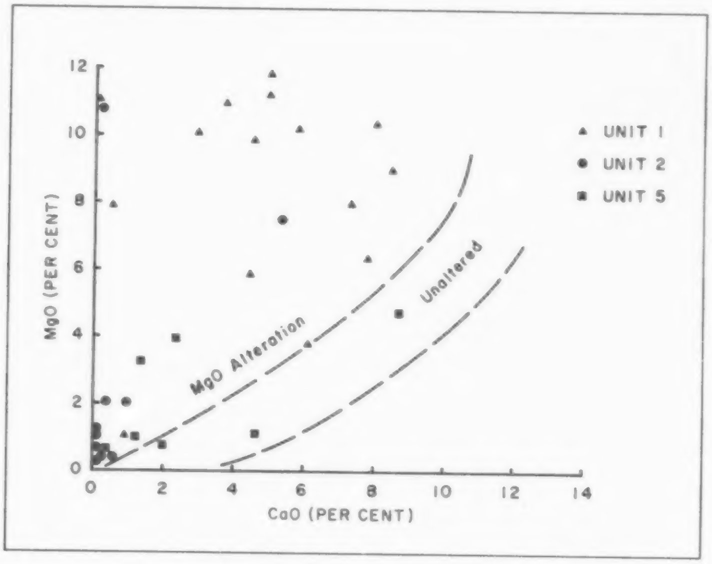

Figure B5. MgO/CaO plot designed to screen altered (MgO added) from unaltered mafic volcanic samples (from de Rosen-Spence, 1985).

CHEMISTRY AND TECTONIC SETTING

Major element analyses of mafic tuffs of Unit 1, plotted on a triaxial oxide plot (Church, 1975), are scattered throughout the rhyolite, dacite and andesite fields (Figure B7). Analyses of less-altered mafic tuffs of Unit 5 are more confined, generally occurring within the basalt field. Analyses of Unit 2 are spread across the diagram. The widespread distribution of analyses, commonly outside the average compositional fields outlined in Church's diagram, and the spread of analyses toward the rhyolite field are the result of pervasive alteration, with addition of SiO_2 and K_2O and depletion of Na_2O_3, MgO, CaO and Al_2O_3.

On an alkali-oxide diagram (Figure B8), analyses are scattered between the alkaline and subalkaline fields. Alteration, with silica introduction and K_2O addition largely offset by Na_2O depletion, tends

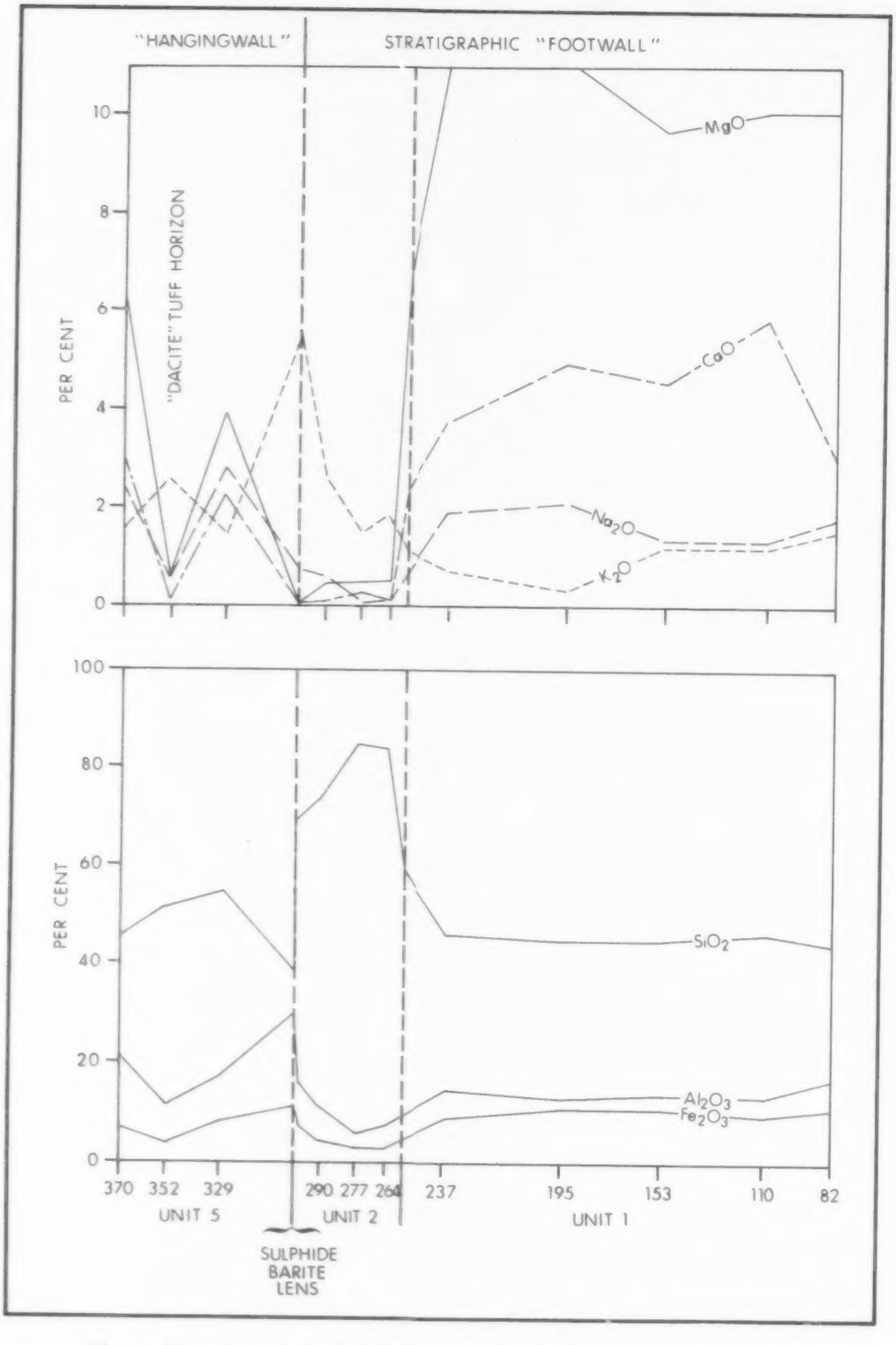

Figure B6. Change in major element chemistry of altered mafic volcanic rocks in the stratigraphic footwall and stratigraphic hangingwall of the L97 lens, Rea Gold (from data on drill hole 19; see note, Figure B4).

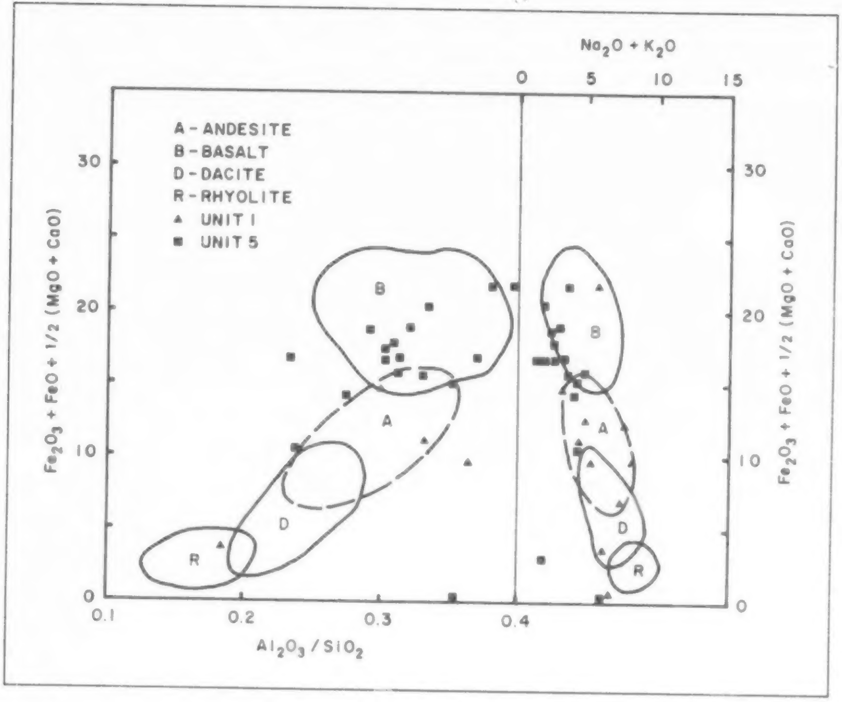

Figure B7. Triaxial oxide plots (after Church, 1975) of Units 1 and 5, Rea Gold; the scatter of sample analyses is due mainly to intense hydrothermal alteration related to sulphide deposition.

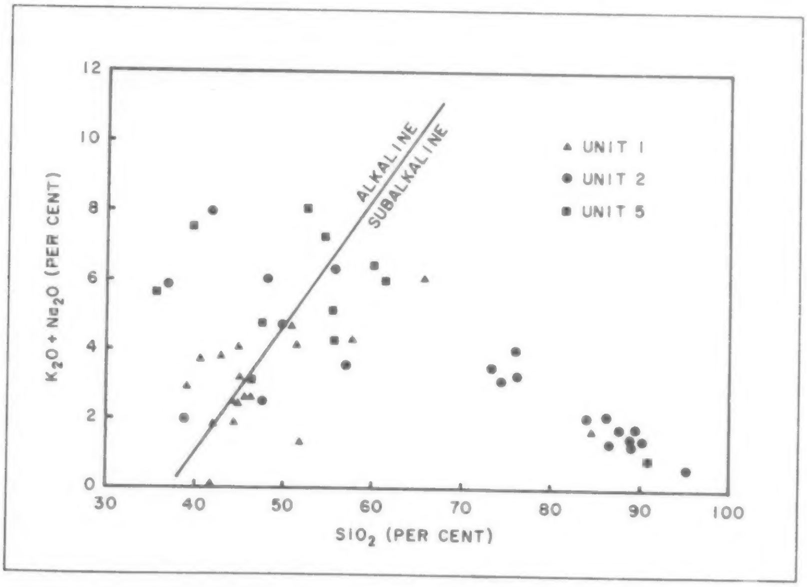

Figure B8. Alkali-silica plot of Units 1, 2 and 5, Rea Gold; it is suggested (see text) that alteration has tended to shift values toward the tholeiite field; the field boundary is after Irvine and Barager (1971).

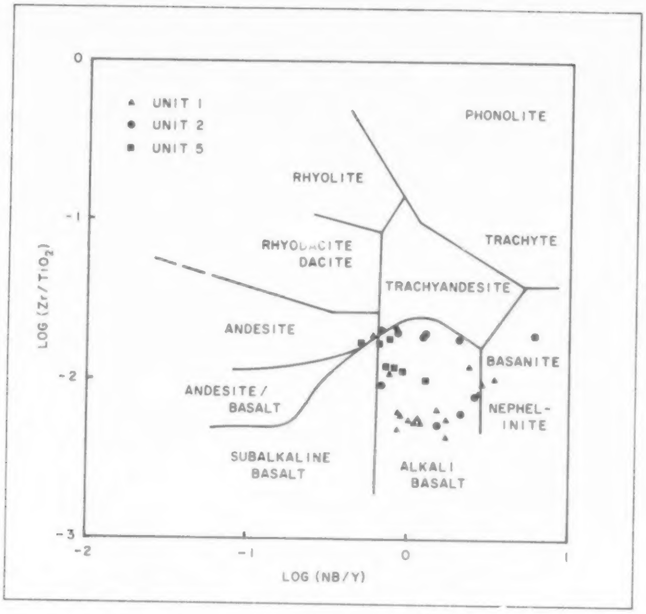

Figure B9. A Zr/Ti versus Nb/Y plot of mafic tuffs of Units 1, 2 and 5, Rea Gold; diagram and fields are after Winchester and Floyd (1977).

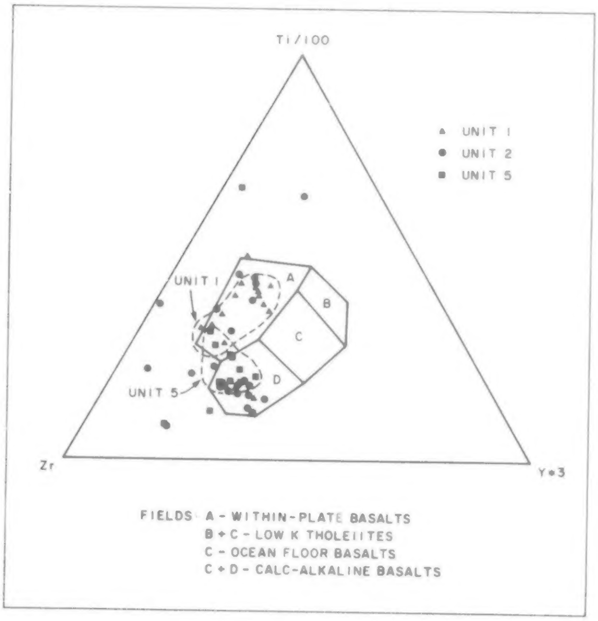

Figure B10. A Ti-Zr-Y diagram showing analyses of mafic tuffs, Rea Gold; diagram and fields are from Pearce and Cann (1973).

to shift samples out of the alkaline field into the subalkaline field. Hence, it is suggested that volcanic rocks in Units 1 and 5 are probably alkaline. Immobile element data support this contention.

A plot of all analyses on a Zr/TiO_2 versus Nb/Y diagram (Figure B9) shows that the tuffs, including altered rocks in Unit 2 that contain greater than 80 per cent SiO_2, were alkali basalts originally. A trend from alkali basalts of Unit 1 to rocks approaching trachyandesites in overlying Unit 2 is apparent. Mafic tuffs stratigraphically above the sulphide lenses also plot within the alkali basalt field. Although it is possible that the alteration has modified these trace element ratios, the relatively tight cluster of all analyses in rocks altered to various degrees indicates mobility of these trace elements was minor. It is therefore concluded that the dominant host rocks were alkaline basaltic tuffs; furthermore, it is suggested that thin, less mafic tuffs within Unit 2 may originally have been trachytes rather than rhyolites.

Oceanic alkali basalts typically occur in "within-plate" environments, such as volcanic islands or seamounts, rifts in mature volcanic arcs, or back-arc basins, rather than in plate margin environments such as oceanic ridges or island arcs. As volcanic rocks underlying the Rea Gold succession, including host rocks for the Homestake deposit, include bimodal, calc-alkaline suites typical of island arc volcanism, it is suggested that the Rea Gold succession represents deposition in a rift developed in a volcanic arc. Mafic alkalic volcanism (Unit 1) occurred during early stages of rifting, followed by volcanism (Units 2 and 5) that shows trace element characteristics transitional to a plate margin setting (Figure B10) perhaps due to contamination of underlying calc-alkaline volcanics. A thick accumulation of overlying clastic metasedimentary rocks ([illegible] 6) indicates that volcanism ceased, probably because the rift failed.

HOMESTAKE

Homestake is a base and precious metal deposit in intensely altered and sheared sericite schists of Unit EBA of the Eagle Bay Formation (Schiarizza and Preto, 1984). Mineralization is generally contained in barite lenses that overlie chlorite phyllite (Unit 1) and sericite quartz schist (Unit 2). Ankerite-chlorite phyllite with thin interbeds of argillite (Unit 4) and tuffaceous chlorite phyllite (Unit 5) overlie the lenses (Höy and Goutier, 1986). The sequence is interpreted to be a succession of andesite tuffs overlain by altered felsic tuffs that contain, near the top, massive barite-sulphide lenses. These are overlain by more andesite tuffs that are intercalated with clastic sedimentary rocks.

Exploration and production history of the Homestake property are reviewed by Höy and Goutier (1986). In December 1985 the property was optioned by Esso Minerals Canada; work during the 1986 season was essentially restricted to surface mapping and sampling.

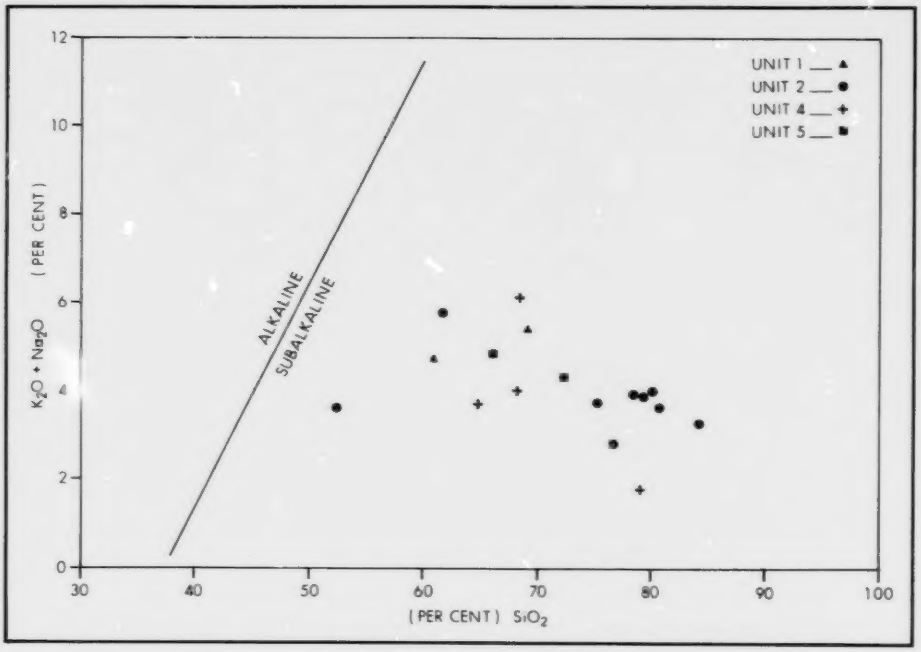

Figure B11. An alkali-silica plot of volcanic rocks at the Homestake deposit; the field boundaries are after Irvine and Barager (1971).

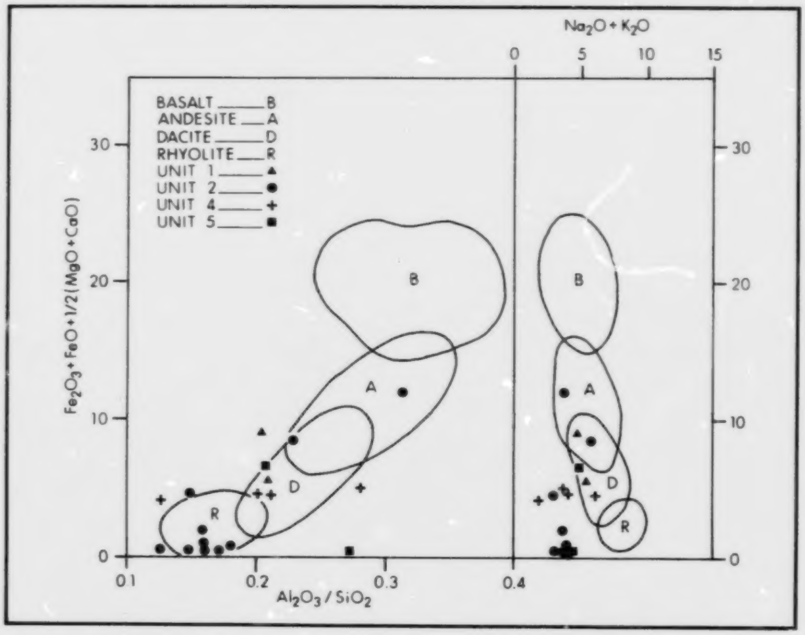

Figure B12. Triaxial oxide plots (after Church, 1975) of volcanic rocks hosting the Homestake deposit.

HOST ROCK CHEMISTRY

Analyses of volcanic rocks of the Homestake succession are restricted to the subalkaline field on an alkali-silica diagram (Figure B11). They range in composition from andesite to rhyolite (Figure B12); however, the scatter of analyses, particularly those of Unit 2, supports the suggestion that these rhyolites and dacites are considerably altered. On a plot of "immobile" elements (Figure B13), the calc-alkaline affinity of Homestake volcanic rocks is confirmed, as is the range in composition from andesites to rhyolites. Based on both major and trace element data, it is concluded that the volcanic rocks hosting Homestake are dominantly a calc-alkaline succession of andesite to rhyolite tuffs, deposited in a volcanic arc setting.

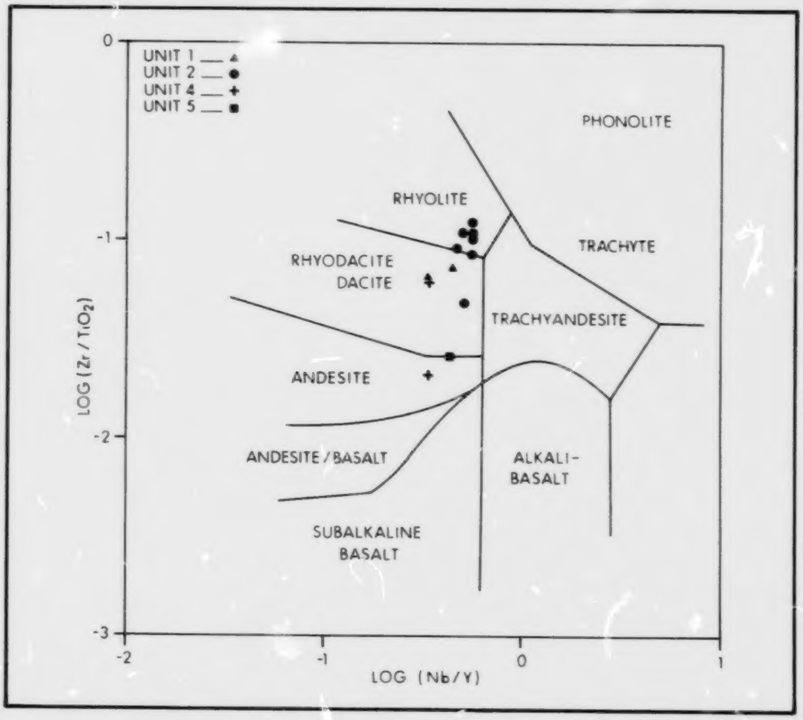

Figure B13. A Zr-Ti versus Nb/Y plot of Homestake volcanic rocks; diagram and fields are after Winchester and Floyd (1977).

SUMMARY AND DISCUSSION

Volcanic rocks hosting the Rea Gold and Homestake deposits are chemically distinct, probably reflecting different tectonic environments. The Homestake deposit is within a succession of calc-alkaline andesite to rhyolite tuffs, deposited in a mature volcanic arc. It is similar to the class of volcanogenic massive sulphide deposits referred to as kuroko deposits. In contrast, Rea Gold sulphide lenses are in highly altered alkali basalt tuffs and minor flows, with only a minor component of felsic tuffs. These alkali basalts were probably deposited within a failed rift that developed in a volcanic arc. Despite these differences, the deposits have many similarities. They are polymetallic, have a high precious metal content, are associated with barite, and occur above an altered stockwork feeder zone.

The recognition that volcanogenic massive sulphide deposits in the Eagle Bay Formation occur in alkaline suites of predominantly basaltic tuffs, as well as in bimodal calc-alkaline volcanics, considerably increases the potential for additional discoveries. Furthermore, it is possible that these deposits need not directly overlie their vent, and could therefore occur in a sequence of essentially unaltered mafic alkalic tuffs.

ACKNOWLEDGMENTS

I wish to acknowledge the cooperation of Corporation Falconbridge Copper while working on the Rea Gold property. Discussions with Ian Pirie and Alex Davidson of Corporation Falconbridge, and with N. Massey, G. Ray and P. Schiarizza of the British Columbia Geological Survey Branch are most appreciated. I also wish to thank F. Goutier and M. Fournier for their assistance in mapping the Rea Gold and Homestake deposits. Major element analyses were done by the Analytical Laboratory of the British Columbia Geological Survey Branch, and minor element analyses by X-Ray Laboratories. Software used during this project included the Geological Analyses Package of Cal Data Ltd. and programs written by D. MacIntyre of the Branch.

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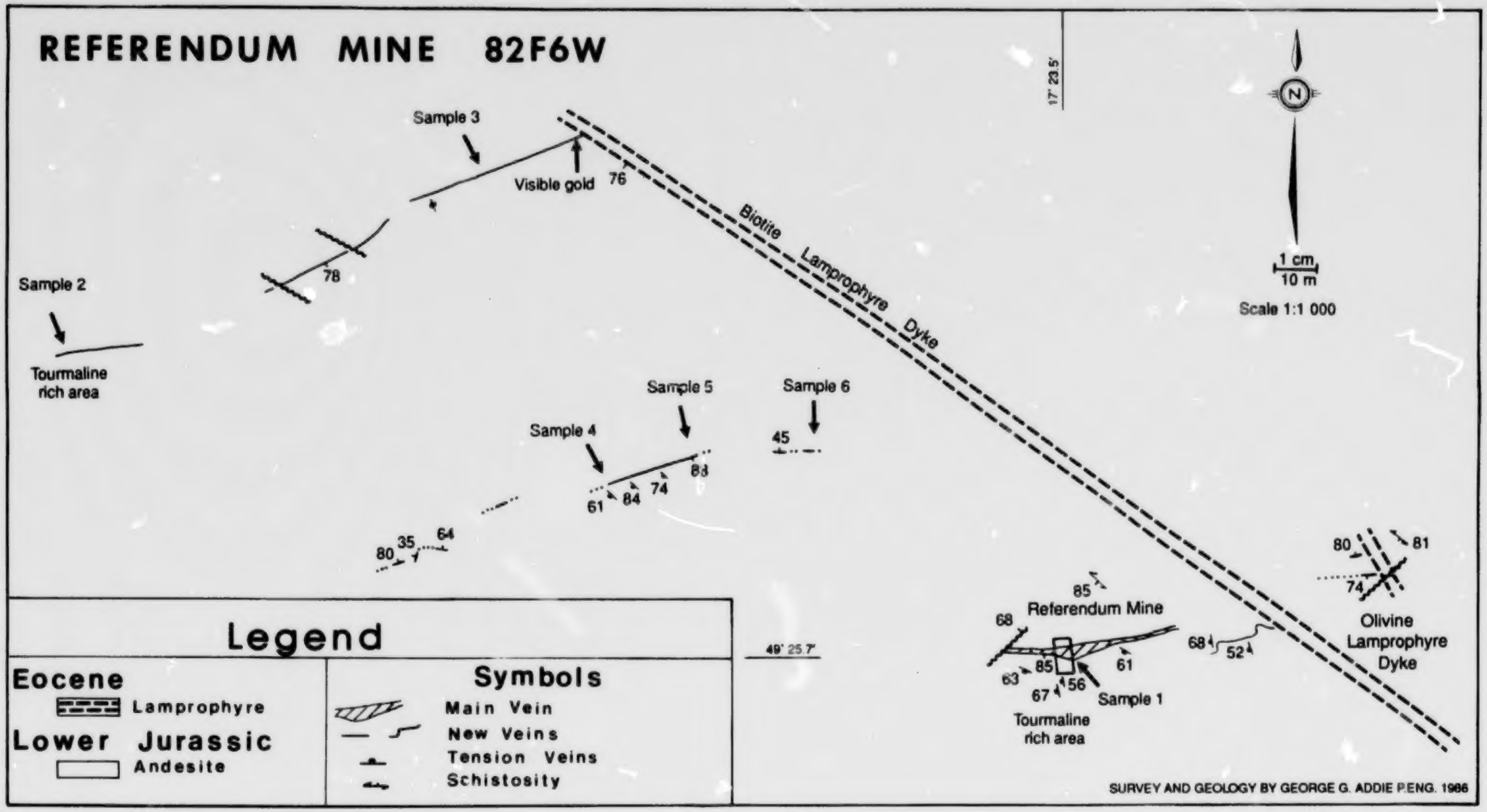

REFERENDUM MINE 82F6W
Sample 3
Visible gold
76
78
Sample 2
Tourmaline rich area
Biotite Lamprophyre Dyke
17' 23.5'
1 cm
10 m
Scale 1:1 000
Sample 4
Sample 5
Sample 6
45
61
84
74
88
80
35
64
80
81
74
Olivine Lamprophyre Dyke
85
68
Referendum Mine
63
85
67
56
61
Sample 1
68
52
Tourmaline rich area
49' 25.7'
Legend
Eocene
Lamprophyre
Lower Jurassic
Andesite
Symbols
Main Vein
New Veins
Tension Veins
Schistosity
SURVEY AND GEOLOGY BY GEORGE G. ADDIE P.ENG. 1986

Figure B14. Sketch map, Referendum mine.

REFERENDUM (Fig. B1, NTS 82, No. 2)

By G.G. Addie

LOCATION: Lat. 49°25'42" Long. 117°23'30" (82F/6W)
NELSON MINING DIVISION. Southwest of Nelson.
CLAIMS: REFERENDUM (Lot 4387), KATIE (Lot 4386), GOLDEN CROSS (Lot 4388), TECGOLD, TECGOLD 1, TEC 1-7, TECCU 1 and 2.
ACCESS: Via Fortynine Creek and Rover Creek logging roads.
OWNER: Tom Cherry.
OPERATOR: SNOWWATER RESOURCES LTD.
MINERALIZATION: Gold.

DESCRIPTION:

Three gold-bearing quartz veins occur in Rossland Formation andesite of Early Jurassic age. One of these was discovered by the owner in January 1986 by trenching a magnetic low anomaly. Grab samples 4, 5 and 6 were taken from the new showing. The results were:

	Number	Au	Ag (ppm)	Hg (ppb)	Width (m)
Sample 1	30010	0.7 ppm	<10	75	2.0
Sample 2	30011	<9.3 ppm	<10	30	0.2
Sample 3	30012	7.5 ppm	<10	<25	0.3
Sample 4	31988	90 ppb	<10	<20	0.1
Sample 5	31989	<30 ppb	<10	<20	0.3
Sample 6	31990	3.0 ppm	<10	<20	0.1

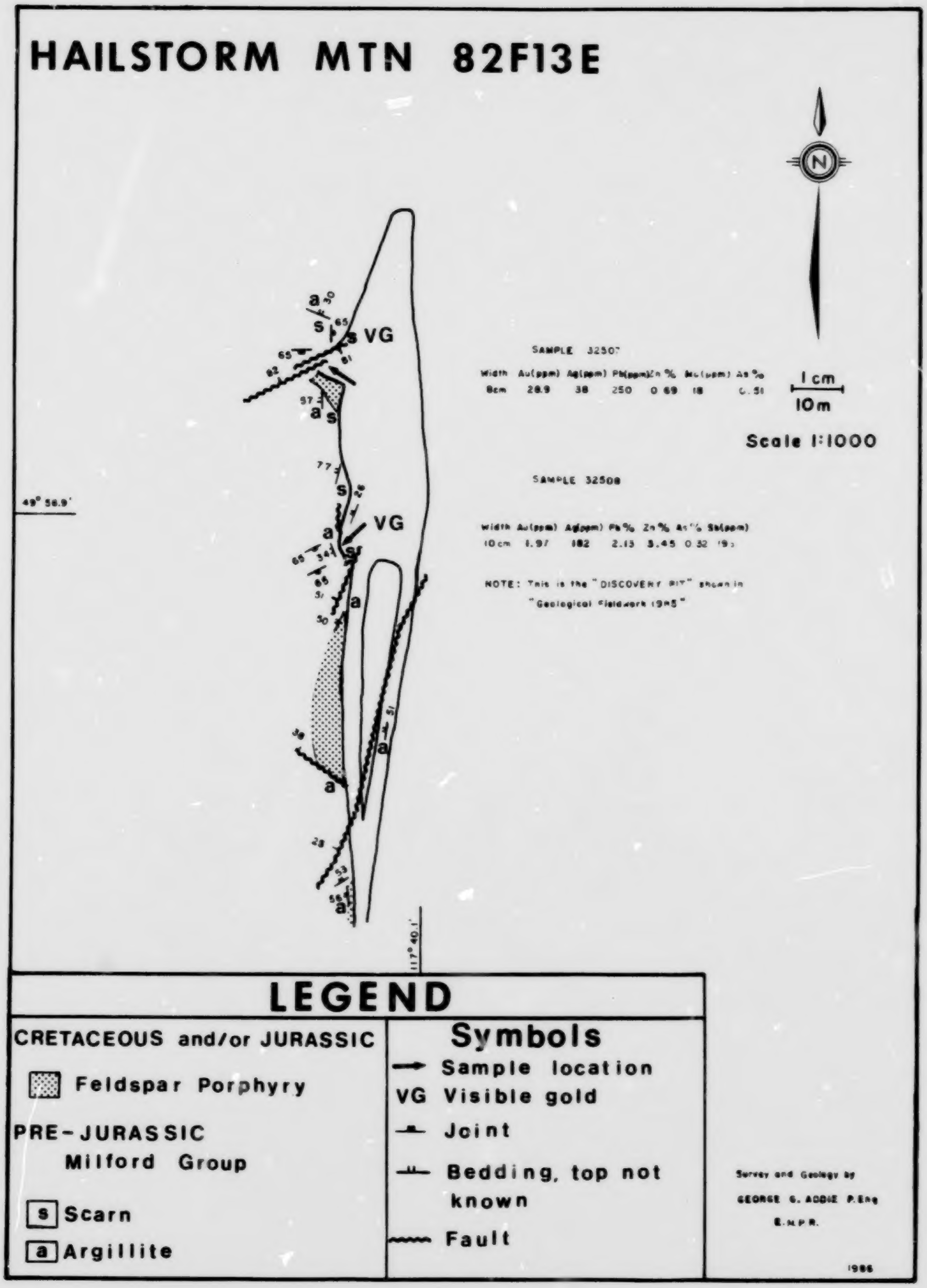
The following minerals have been identifed in the three gold-bearing quartz veins mapped to date: tourmaline, chlorite, sericite and pyrite. Other veins in the vicinity (Geological Fieldwork, 1985, Paper 1986-1) also contain bornite, ilmenite, calcite and native gold. The discovery of free gold in the chlorite schists is reported by the owner since the accompanying map was prepared. This potential remains to be explored.

WORK DONE: Magnetometer survey, trenching.
REFERENCES: MI 82F/SW-117; B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1985, Paper 1986-1, pages 333-335.

CARIBOU (HAILSTORM MOUNTAIN) (Fig. B1, NTS 82, No. 3)

By G.G. Addie

LOCATION: Lat. 49°58'55" Long. 117°49'05" (82F/13E)
SLOCAN MINING DIVISION. On Hailstorm Mountain.
CLAIMS: CARIBOU 3, 4.


HAILSTORM MTN 82F13E
N
a
30
s
65
s VG
65
81
62
57
a s
77
s
26
49° 56.9'
VG
a
65
34
s
65
51
a
50
38
a
51
a
28
53
56
a
117° 40.1'
1 cm
10m
Scale 1:1000
LEGEND
CRETACEOUS and/or JURASSIC
Feldspar Porphyry
PRE-JURASSIC
Milford Group
s Scarn
a Argillite
Symbols
Sample location
VG Visible gold
Joint
Bedding, top not known
Fault
Survey and Geology by
GEORGE G. ADDIE P.Eng
E.M.P.R.
1986

SAMPLE 32507

Width	Au(ppm)	Ag(ppm)	Pb(ppm)	Zn %	Mo(ppm)	As %
8cm	28.9	38	250	0.69	18	0.51

SAMPLE 32508

Width	Au(ppm)	Ag(ppm)	Pb %	Zn %	As %	Sb(ppm)
10cm	1.97	182	2.13	3.45	0.32	192

NOTE: This is the "DISCOVERY PIT" shown in "Geological Fieldwork 1985"

Figure B15. Sketch map, Hailstorm Mountain (Caribou claims).

ACCESS: Via the Shannon Creek road from Highway 6 south of Hills, and continuing into the Caribou Creek drainage. The total distance is approximately 22 kilometres.
OWNER: A. STREBCHUK.
MINERALIZATION: Gold, silver.

DESCRIPTION:

Free gold occurs on this property (1) as eluvial gold in the soil, (2) in black carbon, manganese and iron oxide-rich fault gouge and microbreccia, (3) in a pink calc-silicate skarn zone, and (4) in a calcite vein within the skarn zone. Work in 1986 concentrated on a newly discovered fault zone with free gold both in the fault and the skarn wallrock (Figure B15, sample 32507 for location). This skarn is very similar in appearance to that at Tillicum Mountain. A thin section of this rock indicates that the pink hue is due to the presence of very fine-grained biotite.

The skarn zone is at least several metres wide and has a northerly trend. Assessment report 12355 notes two other gold geochemical anomalies in soil on this trend, the most distant being 1000 metres north of the present showing. A similar pink calc-silicate skarn crops out on the ridge 150 metres to the west and has the same trend. However the relationship between the two skarn occurrences is not know at present.

Approximately one-third of the outcrop mapped at the Hailstorm Mountain showing is feldspar porphyry (Figure B15). At Tillicum Mountain the skarns are spatially related to diorite-porphyry sills and dykes. (Wayne Roberts and John McClintock, personal communication). A thin section of the highly iron-stained material from the fault zone (location 32507) shows a microbrecciated texture: the majority of the finely comminuted fragments are feldspar porphyry, but a few siltstone clasts are also present. Microscopic quartz veinlets cut the breccia. These have a little pyrite, but no gold was seen. Pyrite is also disseminated throughout the breccia. In the hand specimen visible gold associated with iron oxides and graphite was identified on an open joint. The source of the gold is not known.

A self-potential test was made over the new visible gold showing (32507). The long-wire method was used to survey along the trace of the fault which gave a sharp negative response compared to the hangingwall and footwall rocks. A similar response was noted last year (Geological Fieldwork, 1985, Paper 1986-1) over other fault structures.

Assays for the two samples taken in 1986 are:

Number	Au (ppm)	Ag (ppm)	Pb	Zn (%)	Mo (ppm)	Hg (ppb)	As (%)	Sb (ppm)
32507	28.9	38	250 ppm	0.69	18	<20	0.51	5
32508	1.97	182	2.13 %	3.45	<5	<20	0.32	193

CONCLUSIONS: The evidence to date indicates that free gold occurrences on Hailstorm Mountain occur where calc-silicate skarn is cut by graphitic faults. Because of the graphite content, some of these faults respond well to a self-potential survey. Based on soil geochemistry, a significant target for further gold exploration exists. The source of the gold is not known.

WORK DONE: Road work to showing, trenching, construction of an adit, 7 metres of drifting.
RFERENCES: MI 82F/NW-255; B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1985, Paper 1986-1, pages 337-341; Assessment Report 12355.

LARDEAU 82K

ABBOTT (Fig. B1, NTS 82, No. 4)

By G.G. Addie

LOCATION: Lat. 50°38' Long. 117°09' (82K/11E)
SLOCAN MINING DIVISION. The property is east of Trout Lake, approximately 80 kilometres southeast of Revelstoke.
CLAIMS: Thirty-eight Crown-granted claims, 8 reverted Crown-granted claims and 63 located claims containing 791 claim units. The total area held by the joint venture is approximately 178 square kilometres.
ACCESS: The property is reached via the Healy Creek road, a distance of 24 kilometres.
OWNERS: Mikado Resources Ltd. and Turner Energy & Resources Ltd.
OPERATOR: MIKADO RESOURCES LTD.
MINERALIZATION: Silver, lead, zinc, gold.

DESCRIPTION:

The Abbott prospect is a structurally controlled replacement deposit containing silver, lead, zinc and minor gold. It is hosted by the Badshot Formation of Cambrian age, near its contact with the Ordovician Index Formation.

The surface showing has been known since the early 1900s. However the nature of the ore control was only identified during the summer of 1986. Mineralization is localized in elongate shoots following the hinge zone of a synclinal fold. The plunge of the fold has been interpreted from measurements of the attitudes of tension joints (Plate B1) and, as a result, the mineralization has been traced 120 metres down the plunge of the fold, by diamond drilling.

MINERAL ZONING: A pattern of mineral zoning has been interpreted from a weighted moving average study (using a 3-metre window)

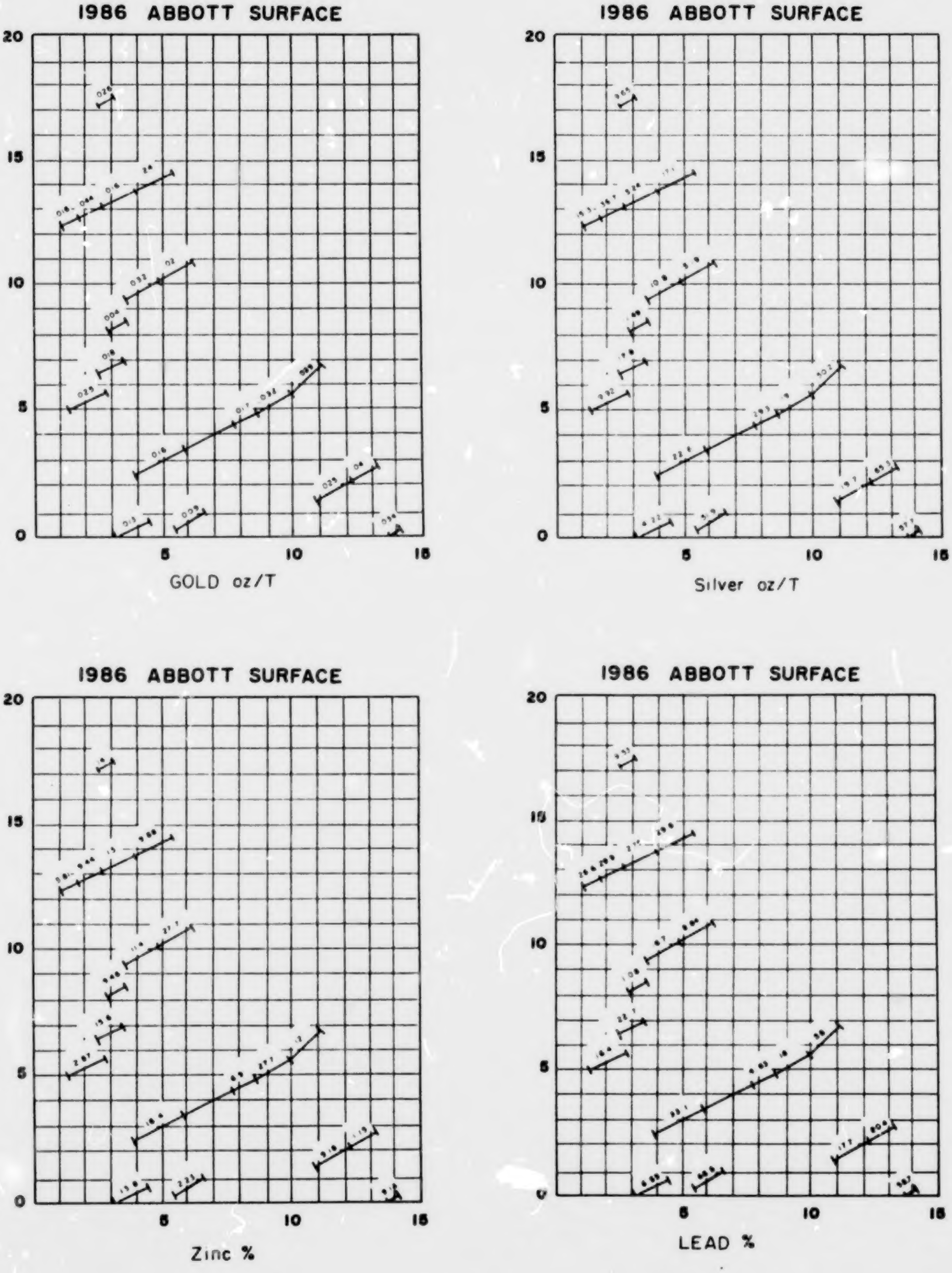
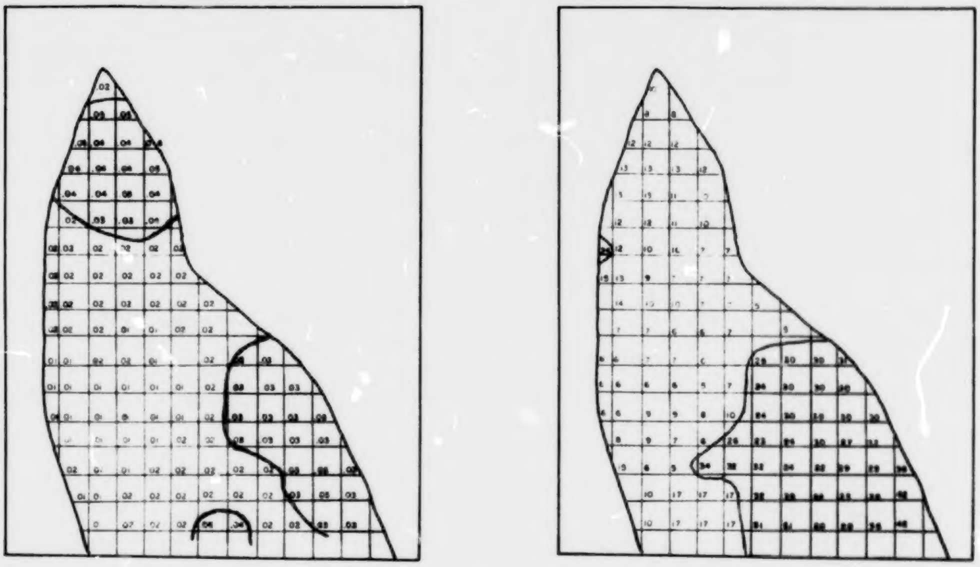
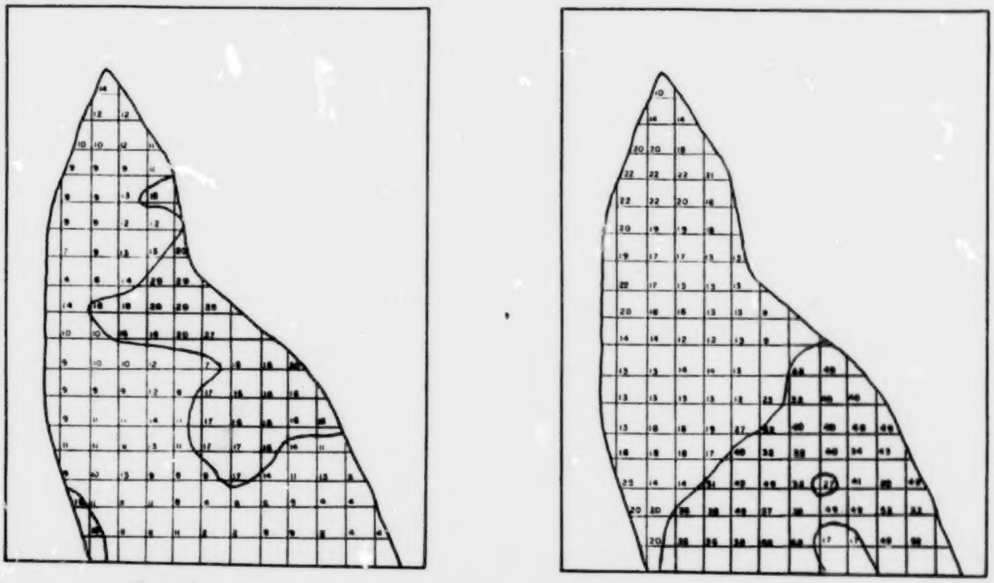


Figure B16. Abbott surface assays, 1986.



Gold oz/T

Silver oz/T



Zinc %

Lead %

Figure B17. Abbott surface assays, 1986: weighted moving average study.

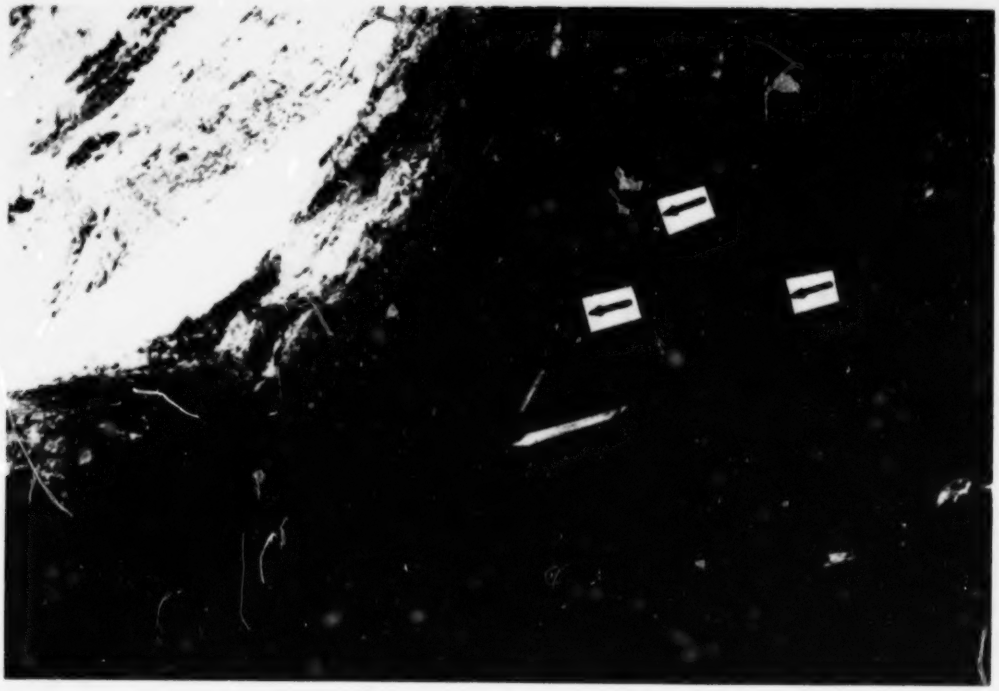


Plate B1. Abbott showing, note tension joints dipping away indicating that the structure plunges toward the observer.

of surface assays from the Abbott showing (Figure B16). Most of the assay data were published in the George Cross Newsletter of July 22, 1986. Additional gold assays were provided by Pec Santos, consultant for Mikado Resources Ltd.

The computer program used for this study was first presented by Church in 1980 and modified by Addie in 1981, by introducing a factor of 1/Log(R), where R is the distance from the centre of the window to the sample site. The results (Figure B17) suggest a mineral zoning of galena with silver, followed by sphalerite and, in turn, by auriferous pyrite. This zoning pattern was also identified in diamond-drill core. [Editor's Note: The anomalous gold values calculated by the computer program for the northern part of sampled area are strongly influenced by a single high assay result.]

EXPLORATION POTENTIAL: Other mineral occurrences within the Badshot Formation should be examined from the point of view that they are structurally controlled replacement deposits. These include the King William, Jewell, Silver King and IXL prospects (Figure B18). The latter

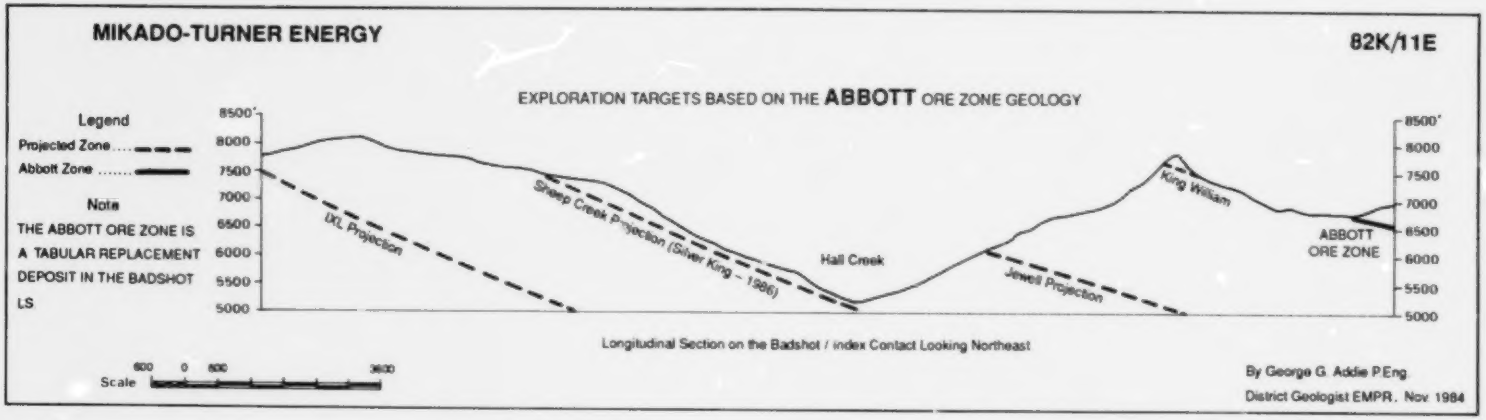

MIKADO-TURNER ENERGY
82K/11E
EXPLORATION TARGETS BASED ON THE ABBOTT ORE ZONE GEOLOGY
Legend
Projected Zone ....
Abbott Zone ....
Note
THE ABBOTT ORE ZONE IS
A TABULAR REPLACEMENT
DEPOSIT IN THE BADSHOT
LS
8500'
8000
7500
7000
6500
6000
5500
5000
IXL Projection
Sheep Creek Projection (Silver King - 1986)
Hall Creek
Jewell Projection
King William
ABBOTT
ORE ZONE
Longitudinal Section on the Badshot / index Contact Looking Northeast
Scale
600
0
600
3600
By George G. Addie P.Eng.
District Geologist EMPR, Nov. 1984

Figure B18. Exploration targets based on the Abbott ore zone geology.

discovered by diamond drilling in 1986. A 60-centimetre intersection returned 0.14 gram/tonne gold, 713 grams/tonne silver, 21.8 per cent lead and 2.1 per cent zinc. Tension veins and joints in this area dip 65 degrees to the northwest, indicating a potential ore control plunging at 25 degrees to the southeast.

WORK DONE: A new road was constructed to the Abbott showing. The portal (6600 level) was rehabilitated and an underground drilling station was cut. A total of 137.8 metres of underground BQ diamond drilling was completed. A total of 16 BQ holes (614.5 metres) and 19 NQ holes (1565.8 metres) was drilled from surface.

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B.C. Ministry of Energy, Mines and Petroleum Resources: MI 82K/NW-056.

Church, N.B., Barakso, J. and Bell, D. (1981): Computer Processing of the Geochemical Data Showing the Primary Dispersion of Elements near the Equity Mine (Sam Goosly), B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1980, Paper 1981-1, pages 25-32.

ALBERNI 92F

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*MOUNT WASHINGTON (DOMINEER, MUREX)
(Fig. B1, NTS 92, No. 5)

By H.P. Wilton

LOCATION: Lat. 49°4530' Long. 125°17'00' (92F/14)
NANAIMO MINING DIVISION. On the west, northeast and east flanks of Mount Washington, at elevations ranging from 600 metres to 1400 metres, approximately 25 kilometres west-northwest of Courtenay.

CLAIMS: DOMINEER 1, 3, 4, 6 (Lots 91G to 94G), MWC 1, 101 to 106, 115 to 122, 124, 133 to 138, 143 to 156, 171 to 176, 201 to 206, 211 to 218, 222 to 240, 271 to 274, 280, 294, MIKE 1 to 5, HKR 1 to 5, ROBIN 5 to 8, BILL 1 to 5, MINK 1 to 8, STOAT

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*Fieldwork for this report was in part funded by the Canada/British Columbia Mineral Development Agreement.

1 and 2, MOUSE 1 and 2, FERRET, J&T, LAGER, STOUT, PIL, ALE, MILK, SHANDY, totalling 120 located claims and four Crown-granted claims.

ACCESS: Approximately 40 kilometres by paved highways and logging roads from Courtenay.
OWNER: BETTER RESOURCES LTD.
COMMODITIES: Gold, silver.
DESCRIPTION:

Mount Washington is a Tertiary eruptive centre with extensive associated epithermal gold-silver-copper mineralization. Between 1961 and 1966, the Mount Washington Copper Company mined 382 000 tonnes of ore from two small open pits on the north side of the mountain. Total metal production was 3.5 million kilograms of copper, 131 000 grams of gold and 7.2 million grams of silver. Exploration by several companies, both before and following the period of production, focused on the copper potential. Better Resources Ltd. acquired the precious metal rights in 1983 and undertook to explore the gold and silver potential. Attention was initially focused on an area on the west side of the north spur of the mountain, at an elevation of about 1300 metres, where soil sampling had identified a gold-arsenic anomaly measuring about 1000 by 250 metres within which gold exceeded 100 parts per billion (ppb) and local highs ranged up to 6200 ppb. Trenching by a previous operator within the soil anomaly, known as the West Grid - Lakeview zone (see Figure B19), was reported to have produced a 0.9-metre chip sample grading 39.8 grams/tonne gold. A limited amount of trenching in 1983, followed by 16 short drill holes in 1984, demonstrated that gold mineralization in a near-surface, subhorizontal, quartz breccia zone was traceable through a large part of the anomalous area. Simultaneously, limited work in the vicinity of the Domineer vein on the east side of the ridge indicated that mineralization there was more extensive than previously defined.

An aggressive exploration program by Better Resources in 1986, including 49 drill holes and 28 trenches, has enabled the company to report preliminary estimates of drill-indicated reserves in the combined West Grid - Lakeview and Domineer zones of 214 000 tonnes grading 7.9 grams/tonne gold and 39.4 grams/tonne silver, using a cutoff grade of 3.4 grams/tonne. The 1986 drilling has demonstrated that the two zones are very likely connected through the ridge, which would suggest additional inferred reserves of 441 000 tonnes. Ten of the drill holes completed in 1986 were drilled into the Murex breccia zone, located about 3 kilometres southeast of the Domineer zone. One of those holes intersected 13 metres of mineralized breccia assaying 7.5 grams/tonne gold. The Murex breccia is very extensive but the degree to which it is mineralized is still poorly understood. One of the most significant aspects of the 1986 exploration results is the recognition that precious metal mineralization at Mount Washington is much more widespread than was previously realized and that there are several targets on the property still to be tested.

As shown in the geological sketch (Figure B19), Mount Washington is an erosional remnant of Late Cretaceous Comox Formation sandstones and siltstones resting unconformably on mafic volcanic flows and breccias of

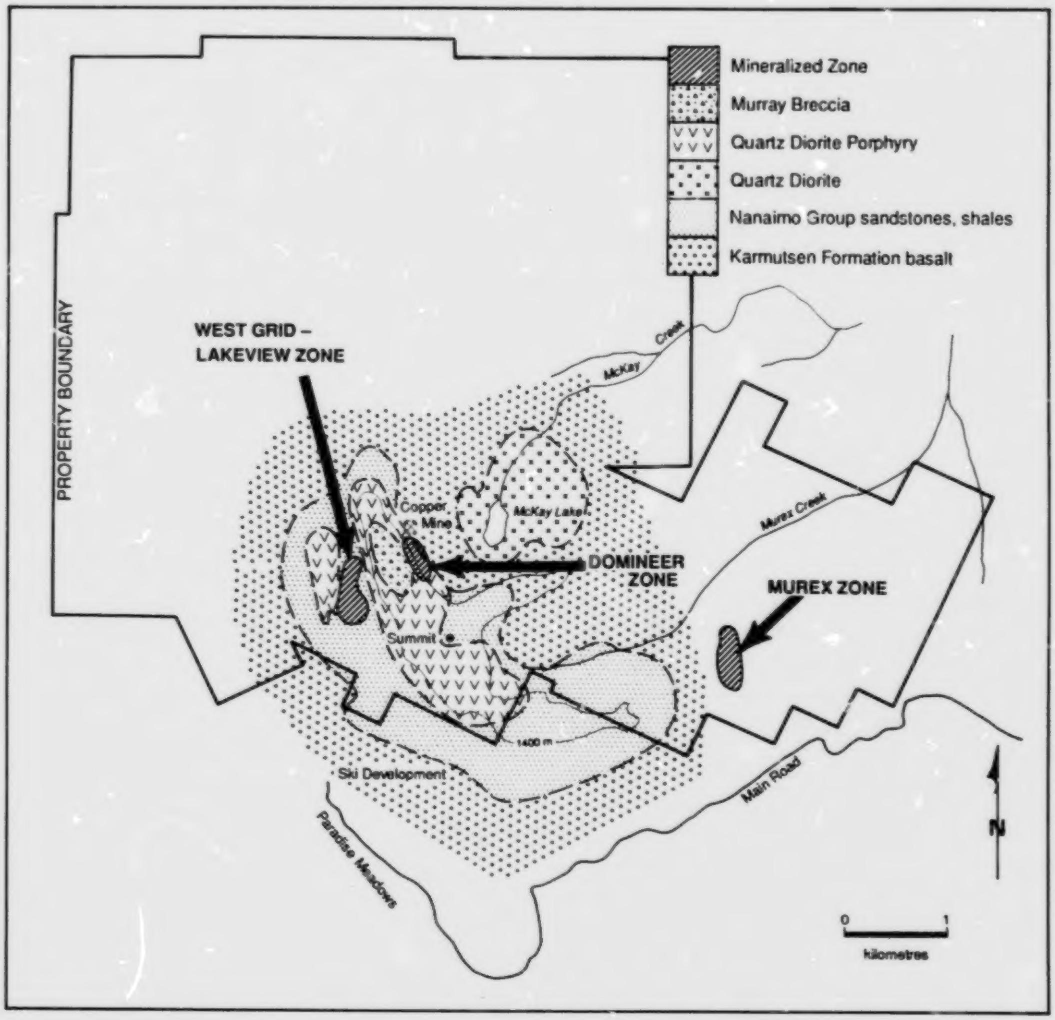
Mineralized Zone
Murray Breccia
Quartz Diorite Porphyry
Quartz Diorite
Nanaimo Group sandstones, shales
Karmutsen Formation basalt
PROPERTY BOUNDARY
WEST GRID – LAKEVIEW ZONE
McKay Creek
Copper Mine
McKay Lake
DOMINEER ZONE
Murex Creek
MUREX ZONE
Summit
1400 m
Ski Development
Paradise Meadows
Main Road
N
0
1
Kilometres

Figure B19. Mount Washington gold prospect (geology modified after Carson, 1972).

the Late Triassic Karmutsen Formation. A Tertiary quartz diorite stock, dated at 35±6 million years (Ma) (Carson, 1972), intrudes the Karmutsen rocks in the vicinity of McKay Lake. Numerous sills and dykes of quartz diorite porphyry have intruded the pre-Tertiary rocks throughout Mount Washington and the surrounding area. Several types and bodies of breccia, including diatreme, collapse and crackle breccias, have been described (McGuigan, 1975). They all crosscut and include fragments of the pre-Tertiary rocks and the Tertiary intrusives. The Washington breccia, a small pipe-like body which intrudes the Murray diatreme breccia at the Domineer zone, appears to be a collapse breccia with a matrix consisting of magnetite and actinolite reported to carry low gold values. The Murex breccia which underlies a large area around Murex Creek has had its matrix replaced, at least locally, by gold and silver-bearing sulphide mineralization. The main mineralization in the West Grid - Lakeview and Domineer zones, however, postdates the youngest of the breccias and occurs as tabular, subhorizontal, vuggy, sulphide-quartz breccia bodies of probable epithermal origin. The main ore zone exposed in the south pit of the old mine is a similar flat-lying, epithermal vein-breccia superimposed on a more extensive but lower grade deposit consisting of intensely hornfelsed siltstone and quartz diorite porphyry laced with a stockwork of mineralized quartz veins. The sequence of intrusion, faulting, brecciation and mineralizing events which affected the Mount Washington eruptive centre during and shortly after the intrusion of the McKay Lake stock was long and very complex, and has yet to be worked out in all its detail.

The mineralized breccia in the West Grid - Lakeview and Domineer zones varies from 1 to 5 metres thick, dips gently to the west, and consists of angular, clay-altered fragments of wallrock in a matrix of vuggy quartz, pyrite, chalcopyrite, and arsenopyrite. Locally the breccia grades into massive arsenopyrite and/or pyrite. The breccia is bounded above and below by several metres of white clay-altered wallrock (assumed to be kaolinite), usually containing abundant quartz-sulphide veinlets. Better Resources' geologists have noted that the kaolinite (?) alteration gives way outward to chloritic alteration. The immediate wallrock in the West Grid - Lakeview zone includes both Murray breccia and quartzite or hornfels produced by thermal metamorphism of Comox sedimentary rocks. Murray breccia appears to comprise the wallrock throughout most of the Domineer zone.

The gold mineralization intersected in the Murex zone consists mainly of varying amounts of pyrrhotite, magnetite, chalcopyrite, pyrite and vuggy quartz forming the matrix around unaltered clasts of basalt and minor hornfels.

WORK DONE: Forty-nine diamond-drill holes, 28 rock trenches, geophysics, geochemistry.

REFERENCES:

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MARY MAC (Fig. B1, NTS 92, No. 6) **By B.N. Church and M.E. MacLean**

LOCATION: Lat. 50°51'35" Long. 122°41'10" (92J/15E)
LILLOOET MINING DIVISION. The Mary Mac mine is located east of the Grey Rock logging road near Truax Creek in the 1370 to 1400-metre elevation interval on the lower northwest slopes of Mount Williams.
CLAIMS: HJ 3, 4, 5 and 6.
OWNERS: Keron Holdings Ltd.
OPERATOR: PILGRIM COAL CORP.; James Dawson, consulting engineer.
COMMODITIES: Gold, silver, antimony, molybdenum.
ACCESS: Approximately 20 kilometres by gravel road east of Gold Bridge.
DESCRIPTION:

GEOLOGY AND MINERALIZATION IN THE VICINITY OF THE MARY MAC MINE

INTRODUCTION

The Mary Mac mine (92H/NE-106) is located 3.7 kilometres south of Carpenter Lake, near the northern entrance to the valley of Truax Creek. Little is known of the early history of this property other than that prospectors arrived by horse trail in the 1930s and worked a few short adits on the banks of Truax Creek. In the 1960s Mr. Harry Street of Gold Bridge built a small mill to extract stibnite from narrow quartz veins. A token production of 3 to 4 tonnes per day of rough stibnite concentrate was realized in 1974. In 1980 Keron Holdings Ltd. acquired the property and completed a geochemical survey. Several zones were outlined showing anomalously high molybdenum and arsenic values. Work was continued by Hudson's Bay Oil & Gas Co. Ltd. in 1981, when 4.5 kilometres of bulldozer trenching and additional sampling on Mount Williams were completed. The property was then optioned to Andaurex Resources Inc. and by 1983 a total of 1000 metres of diamond drilling was completed to further delineate the mineralization.

GEOLOGICAL SETTING

The bedded rocks underlying the HJ claims were assigned to the Bridge River Group by McCann (1922) and herein are divided into the Fergusson Group (Paleozoic?) and the Relay Mountain Group (Upper Jurassic). These units are intruded by the Bendor stock and associated dykes (Figure B20).

The Fergusson beds underlie much of the claim group. They consist mostly of regionally metamorphosed, thinly bedded ribbon cherts, schists and minor carbonate layers. Near the contact with the Bendor quartz diorite stock on Mount Williams, they are pyritized, recrystallized and cut by numerous small quartz veins. The beds are locally contorted but generally dip steeply to the southwest.

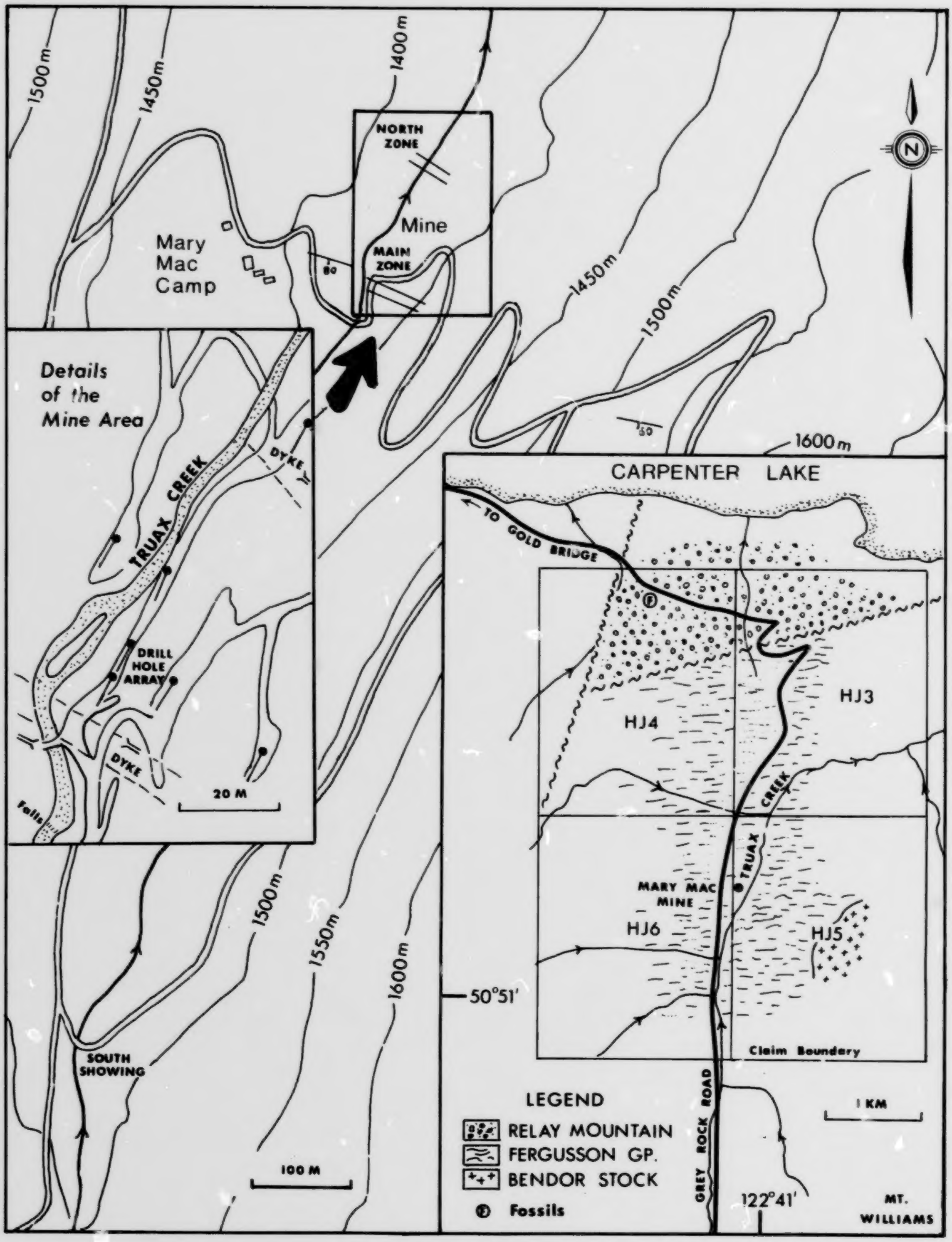
1500m
1450m
1400m
NORTH ZONE
Mine
MAIN ZONE
Mary Mac Camp
80
1450m
1500m
50
1600m
N
Details of the Mine Area
TRUAX CREEK
DYKE
DRILL HOLE ARRAY
DYKE
20 M
Falls
1500m
1550m
1600m
SOUTH SHOWING
100 M
CARPENTER LAKE
TO GOLD BRIDGE
F
HJ4
HJ3
TRUAX CREEK
MARY MAC MINE
HJ6
HJ5
50°51'
Claim Boundary
LEGEND
RELAY MOUNTAIN
FERGUSSON GP.
BENDOR STOCK
F Fossils
1 KM
GREY ROCK ROAD
122°41'
MT. WILLIAMS

Figure B20. Location and geological setting of Mary Mac mine and HJ claims.

The Relay Mountain beds are well exposed in road cuts on the northern part of the property, just south of Carpenter Lake. The beds range from massive chert-cobble and boulder conglomerate to Buchia-bearing laminated siltstones and argillites (Plate B2) resembling similar strata 30 to 40 kilometres to the northwest near Spruce Lake (920/2) and in the vicinity of Graveyard Creek (920/3). These rocks are downfaulted and dip 45 to 60 degrees to the southwest against the Fergusson basement. The source of the conglomerate appears to be mostly the older Fergusson rocks.

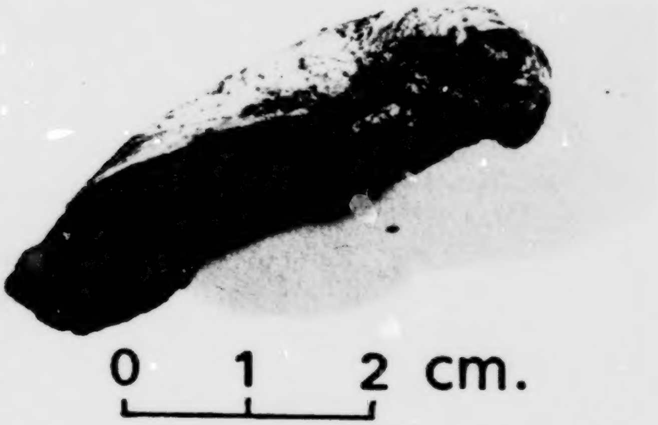

Plate B2. Buchia sp. from thin shale bed in conglomerate, Relay Mountain Group (latest Jurassic age); road cut on HJ 4 claim.

MINERALIZATION

The mineralization occurs mainly at the contacts of a northerly dipping hornblende feldspar porphyry dyke about 40 metres below the waterfalls on Truax Creek, northeast of the mill site. The mineralized zone consists of quartz-carbonate veins 0.5 to 2 metres wide, emplaced on west-northwest-trending fractures (Plates B3 and B4). Coarsely crystalline stibnite is accompanied by small amounts of arsenopyrite, pyrrhotite, chalcopyrite, limonite, tetrahedrite and/or (?) jamesonite. On the east side of the creek this mineralization assays gold 7.64 grams and silver 17.1 grams per tonne across a sampling width of 5 metres. Chloritic alteration is widespread and accompanied locally by sericitization and pyritization. Numerous crosscutting molybdenite-bearing quartz veinlets occur within the porphyry dyke, manifesting an early mineralizing event. Molybdenite is also found in quartz stringers at higher elevations on Mount Williams.

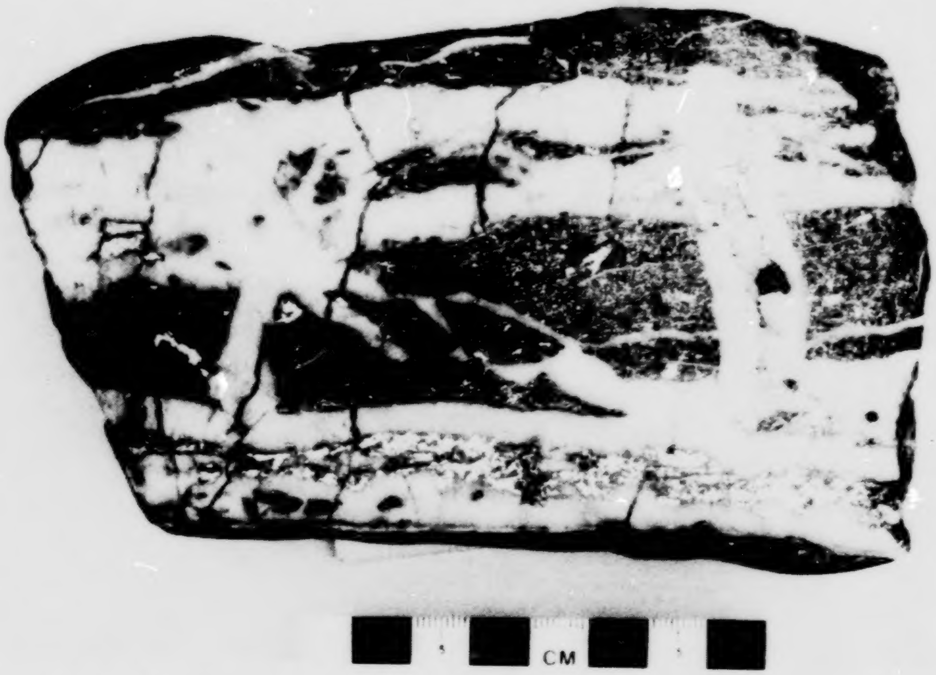

Plate B3. Stibnite-bearing quartz veinlets cutting pyritized host rock, Mary Mac mine.

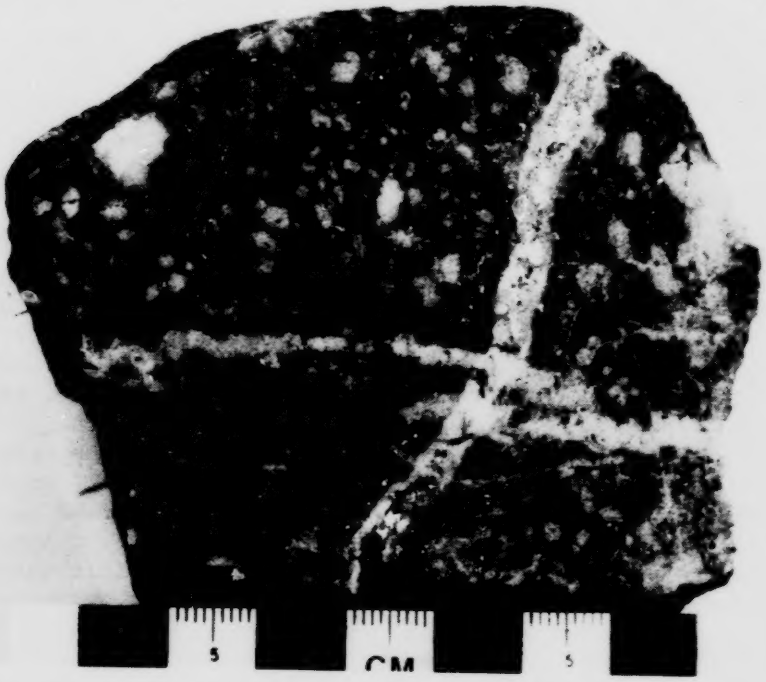

Plate B4. Molybdenite-bearing quartz stringers cutting porphyritic dyke rock, Mary Mac mine area.

Another mineralized zone, 170 metres northeast of the waterfalls, was the chief source of the stibnite ore for the mill. This showing is smaller but higher grade than the "main zone" and includes the faulted and serpentinized south contact of another porphyry intrusion. Here assays across 4 to 5-metre widths in stibnite-bearing quartz veins yielded gold values in the range 1.7 to 3.5 grams per tonne. The grade of stibnite was reported to be 20 per cent over 2.1 metres, with reserve estimates ranging from 13 000 to 18 000 tonnes.

ACKNOWLEDGMENTS

Thanks are owing Dr. T.P. Poulton of the Institute of Sedimentary and Petroleum Geology in Calgary for identifying the Buchia fossils and to James Dawson, P. Eng. for a guided tour of the Mary Mac mine.

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UNNAMED OCCURRENCE (Fig. B1, NTS 92, No. 7)

By B.N. Church and M.E. MacLean

LOCATION: Lat. 51°00'06" Long. 122°51'45" (92O/2W)
LILLOOET MINING DIVISION. On crest of the ridge, at approximately 2290 metres (7500 feet) elevation, 1 kilometre southwest of the summit of Eldorado Mountain.
ACCESS: By helicopter 17 kilometres due north of Gold Bridge, approximately 370 metres above and 2 kilometres northwest of the Taylor Creek access road.
MINERALIZATION: Nickel.

DESCRIPTION:

A NEW NICKEL OCCURRENCE IN THE BRIDGE RIVER CAMP

INTRODUCTION

A new nickel sulphide occurrence was discovered on the ridge just southwest of the summit of Eldorado Mountain, in the southern part of the Noaxe map sheet during the course of regional mapping. The exact location of the discovery is shown on Figures B21 and B22. This is approximately 0.5 kilometre north and uphill from an exposure of chromite (MI 092J/NE-100) in reddish weathered peridotite and serpentine on the trail joining the Taylor Creek road to the Robson claims.

This is the first reported nickel showing in the Taseko Lakes mineral inventory area and the only documented occurrence in the Bridge River mining camp.

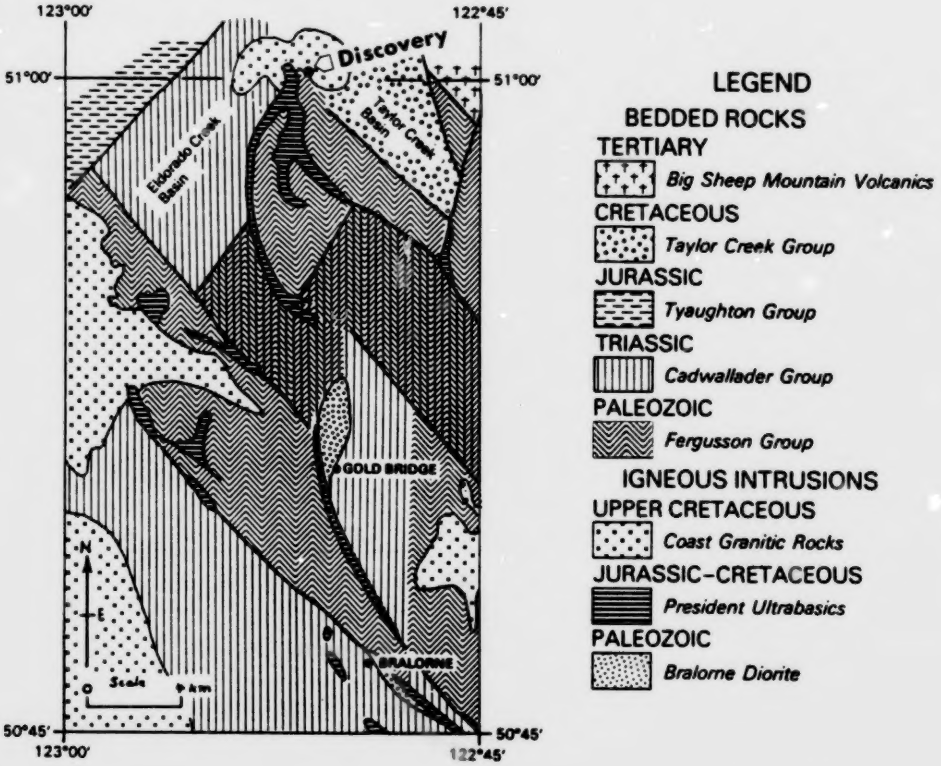
123°00′
122°45′
51°00′
51°00′
Discovery
Eldorado Creek Basin
Taylor Creek Basin
GOLD BRIDGE
BRALORNE
N
Scale
0
4 km
50°45′
50°45′
123°00′
122°45′
LEGEND
BEDDED ROCKS
TERTIARY
Big Sheep Mountain Volcanics
CRETACEOUS
Taylor Creek Group
JURASSIC
Tyaughton Group
TRIASSIC
Cadwallader Group
PALEOZOIC
Fergusson Group
IGNEOUS INTRUSIONS
UPPER CRETACEOUS
Coast Granitic Rocks
JURASSIC-CRETACEOUS
President Ultrabasics
PALEOZOIC
Bralorne Diorite

Figure B21. Generalized geology of the Gold Bridge area (92J/15W).

GEOLOGICAL SETTING AND MINERALIZATION

The principal geological formations underlying the headwaters of Taylor Creek are the Paleozoic Fergusson ribbon cherts (1) and the

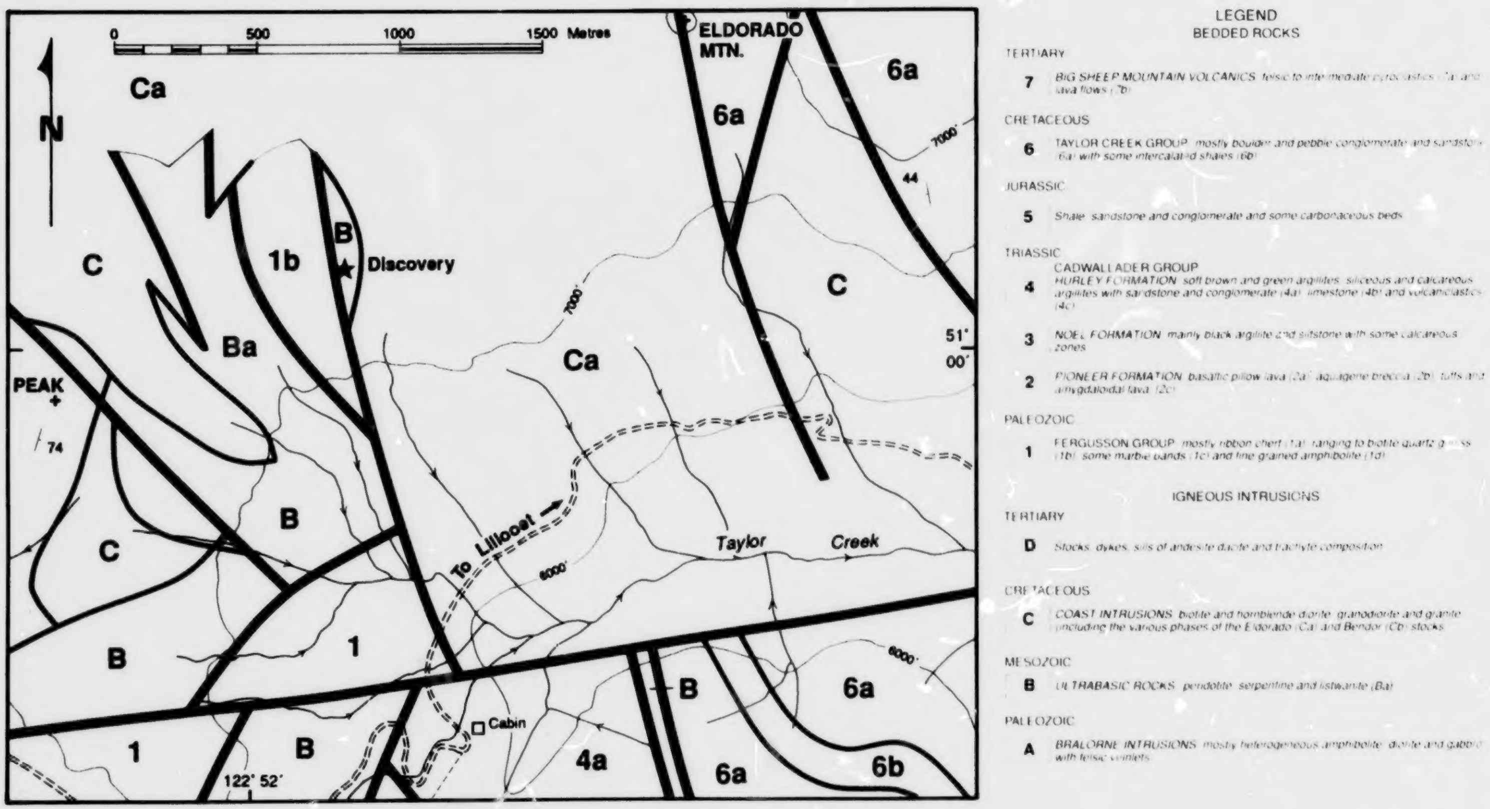
0
500
1000
1500 Metres
N
ELDORADO MTN.
PEAK
74
44
7000'
6000'
51° 00'
122° 52'
Ca
C
Ba
1b
B
Discovery
1
6a
6b
4a
To Lillooet
Taylor Creek
Cabin
LEGEND
BEDDED ROCKS
TERTIARY
7 BIG SHEEP MOUNTAIN VOLCANICS felsic to intermediate pyroclastics (7a) and lava flows (7b)
CRETACEOUS
6 TAYLOR CREEK GROUP mostly boulder and pebble conglomerate and sandstone (6a) with some intercalated shales (6b)
JURASSIC
5 Shale sandstone and conglomerate and some carbonaceous beds
TRIASSIC
CADWALLADER GROUP
4 HURLEY FORMATION soft brown and green argillites siliceous and calcareous argillites with sandstone and conglomerate (4a) limestone (4b) and volcaniclastics (4c)
3 NOEL FORMATION mainly black argillite and siltstone with some calcareous zones
2 PIONEER FORMATION basaltic pillow lava (2a) aquagene breccia (2b) tuffs and amygdaloidal lava (2c)
PALEOZOIC
1 FERGUSSON GROUP mostly ribbon chert (1a) ranging to biotite quartz gneiss (1b) some marble bands (1c) and fine grained amphibolite (1d)
IGNEOUS INTRUSIONS
TERTIARY
D Stocks dykes sills of andesite dacite and trachyte composition
CRETACEOUS
C COAST INTRUSIONS biotite and hornblende diorite granodiorite and granite including the various phases of the Eldorado (Ca) and Bendor (Cb) stocks
MESOZOIC
B ULTRABASIC ROCKS peridotite serpentine and listwanite (Ba)
PALEOZOIC
A BRALORNE INTRUSIONS mostly heterogeneous amphibolite diorite and gabbro with felsic veinlets

Figure B22. Geology of discovery area, Taylor Creek basin.

Triassic Hurley argillites and clastic sedimentary rocks (4). These beds are cut by a multitude of faults, the oldest of which have served as feeder fissures for many small ultrabasic bodies (B). The Eldorado granodiorite stock (C), believed to be Late Cretaceous age, intrudes these formations north of Taylor Creek.

The discovery zone is on a small knoll at the southwest end of a straight section of ridge which marks the drainage divide between Bonanza Creek to the north and Taylor Creek to the south. The knoll is underlain by a northerly striking lens of ultrabasic rocks about 100 metres wide, marking the boundary between highly deformed Fergusson banded quartz gneiss and schist to the west and a main lobe of the Eldorado granodiorite stock to the east. The mineralization is confined to a 2 to 3-metre-wide section along the west side of the ultrabasic body. The rocks here are mottled dark green and black sheared serpentine and talc surrounding lenses and patches of dunite. The sulphides consist of fine-grained disseminated pentlandite and pyrrhotite. Minor amounts of amphibole and some dolomite (?) are tentatively identified on the shear planes. The assay results on a grab sample of the mineralized material yields: nickel, 0.32 per cent; sulphur, 0.38 per cent; chromium, 0.28 per cent; and trace amounts of cobalt.

ACKNOWLEDGMENTS

Many thanks are owing Jon Kwong of the Ministry's Analytical Laboratory for his expeditious assay and XRD analysis of the mineralized samples.

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TASEKO LAKES 92O

BLACKDOME (Fig. B1, NTS 92, No. 8)

By B.N. Church

LOCATION:	Lat. 51°19'20" Long. 122°29'30" (92O/7E, 8W) CLINTON MINING DIVISION. The property is located on Black Dome Mountain.
CLAIMS:	DOME 1-2, DOME 6, DOME 8, etc.
ACCESS:	By dirt road 70 kilometres northwest of Clinton via the suspension bridge crossing the Fraser River near Gang Ranch.

OWNER: BLACKDOME MINING CORPORATION.
COMMMODITIES: Gold, silver.

DESCRIPTION:

LITHOGEOCHEMISTRY OF THE GOLD-SILVER VEINS AND COUNTRY ROCKS IN THE BLACKDOME MINE AREA

INTRODUCTION

The Blackdome mine, located 250 kilometres north of Vancouver and 70 kilometres northwest of Clinton, began milling operations in May 1986, processing 140 tonnes per day from current mine production and ore stockpiled since underground development began in June 1981. The yield from the present production of 1 tonne of concentrate per day is approximately 1 kilogram of gold and 12 kilograms of silver.

The mineralized quartz veins at the mine are tension fractures fitting the regional stress pattern associated with the Fraser River fault system (Figure B23).

The purpose of this report is to present new lithogeochemical data on the veins and associated alteration in the Black Dome Mountain area.

GEOLOGICAL SETTING

The quartz vein system is hosted principally by rhyolite and slightly younger andesitic volcanic rocks. The rhyolite which is well exposed in the mine area on the south spur of Black Dome Mountain, is mainly white and cream-coloured flow-banded lava characterized by a local abundance of spherulitic lithophysae. The andesitic rocks which underlie much of Black Dome Mountain comprise an assemblage of massive brown and grey microporphyritic lava flows and breccia deposits. A series of small outliers (domes) of dacitic lava, overlying the rhyolite on the south spur, are probably cogenetic with the main andesitic unit.

Similar rhyolite and andesitic units are also exposed in the vicinity of the Bubble Hotspring deposit 2.5 kilometres to the east.

MINERALIZATION

The principal quartz veins, consisting of the Giant, Red Bird and Ridge zone veins are subparallel and en échelon, striking about 035° northeast. They are steeply dipping tension fractures partially filled with fault breccia and lined with quartz and minor amounts of adularia (Plates B5 and B6). The clay-altered wallrocks are composed chiefly of illite and montmorillonite. Carbonate minerals appear to have been leached out of the cavities in the veins at surface and are uncommon in the mine workings. Sulphides occur in trace amounts consisting mostly of pyrite and locally, chalcopyrite, pyrrhotite, sphalerite, galena, marcasite and arsenopyrite. The ore minerals are native gold, electrum,

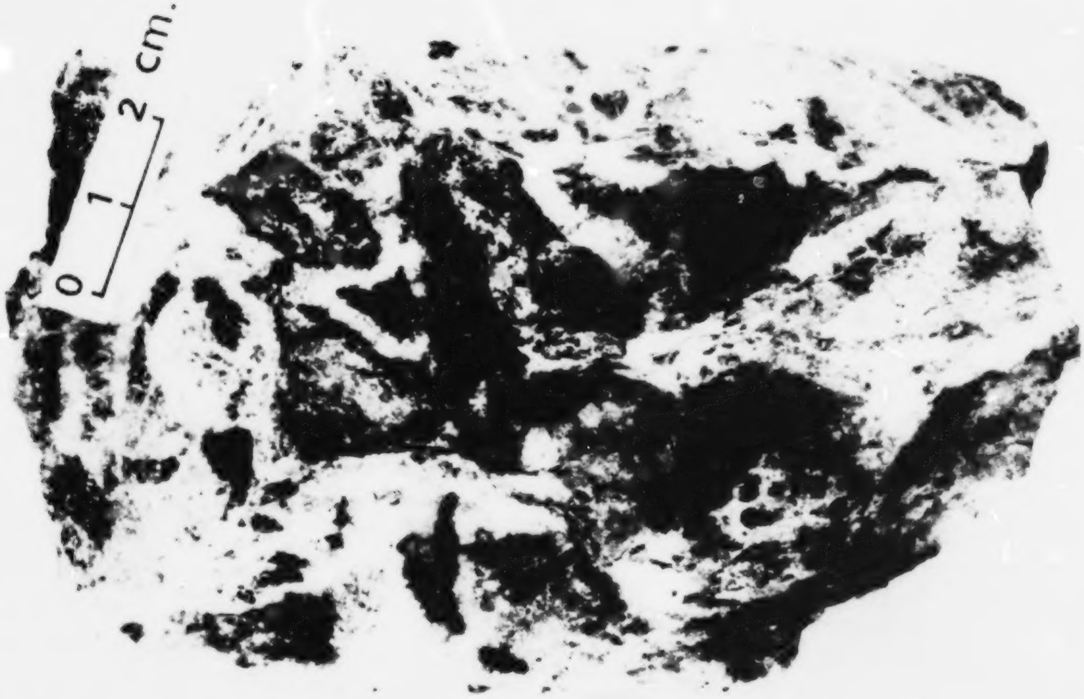

Plate B5. Quartz-flooded breccia, Ridge zone.

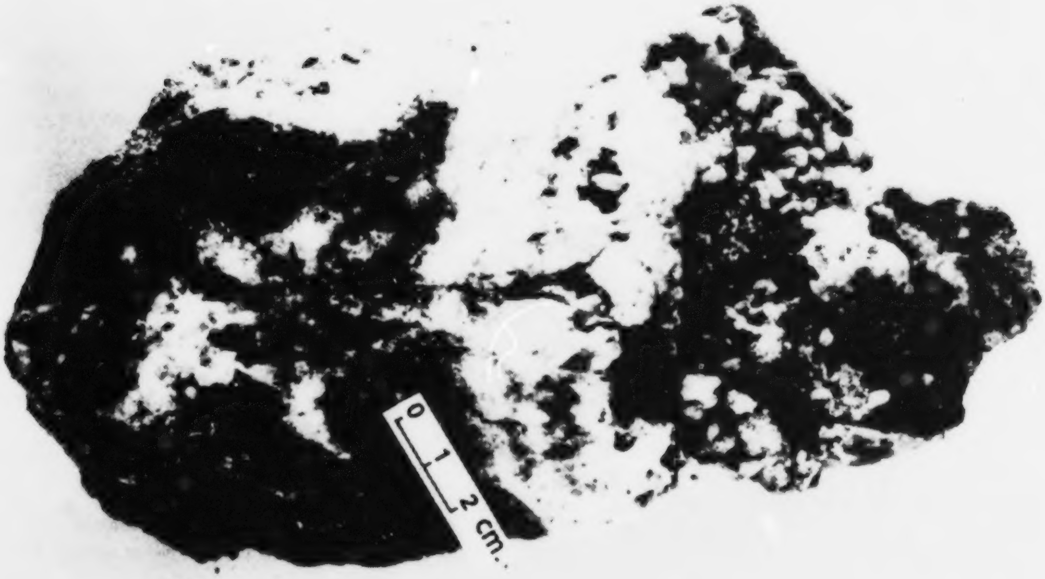

Plate B6. Typical drusy quartz veining, Ridge zone.

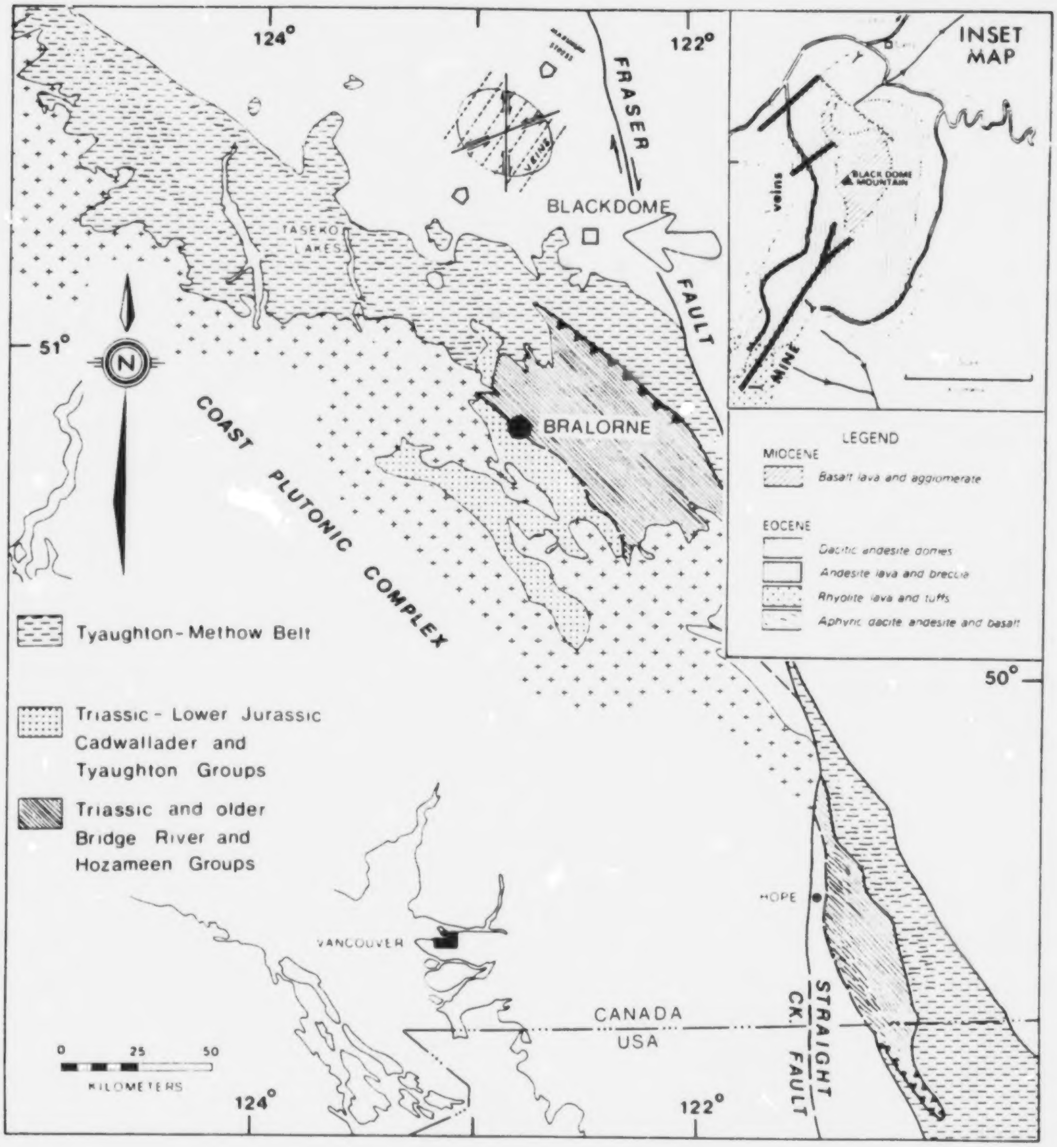
124°
122°
FRASER
FAULT
VEINS
BLACKDOME
TASEKO LAKES
51°
N
COAST PLUTONIC COMPLEX
BRALORNE
INSET MAP
veins
BLACK DOME MOUNTAIN
MINE
LEGEND
MIOCENE
Basalt lava and agglomerate
EOCENE
Dacitic andesite domes
Andesite lava and breccia
Rhyolite lava and tuffs
Aphyric dacite andesite and basalt
50°
Tyaughton-Methow Belt
Triassic - Lower Jurassic Cadwallader and Tyaughton Groups
Triassic and older Bridge River and Hozameen Groups
HOPE
VANCOUVER
CANADA
USA
STRAIGHT CK. FAULT
0
25
50
KILOMETERS
124°
122°

Figure B23. Geological setting of the Blackdome mine area.

argentite and tetrahedrite. Forty per cent of the total metal recovery is fine-grained native gold from the gravity separation stage in the milling operation.

The character of the veins is typically epithermal. The Bubble Hotspring silica sinter deposit may be the surface manifestation of a similar epithermal system in the area immediately to the east (Church, 1987).

Vein emplacement at the mine was probably Oligocene age, occurring later than the Eocene host rocks and earlier than the capping Miocene basalt lava on the summit of Black Dome Mountain (Table B1).

TABLE B1. RADIOMETRIC AGES

No.	Rock	Material	Lat.	Long.	K(%)	$\frac{^{40}Ar^*}{^{40}Ar_{tot}}$	$^{40}Ar^*$ (STP cm^3/g x 10^{-5})	Age (Ma)
1	Basalt	Whole rock	51°20.0'	122°29.0'	0.697	82.8	0.06552	24.0±0.8
2	Obsidian	Whole rock	51°18.5'	122°24.0'	3.520	47.0	0.36020	26.1±0.9
3	Dacite	Hornblende	51°19.1'	122°29.8'	0.483	71.5	0.09820	51.5±1.9

NOTE: Analyses by J. Harakal of the Department of Geological Sciences, The University of British Columbia.

LITHOGEOCHEMISTRY

The dispersion of metals about the vein systems on Black Dome Mountain demonstrates the lateral influence of mineralizing solutions on host rocks and provides a chemical signature useful for further prospecting.

The investigation is based on the determination of nine pathfinder elements from rock samples gathered from 75 field stations during the course of routine geological work. The laboratory treatment of these samples includes fire assay for gold and silver, the Leco induction furnace for sulphur, and atomic absorption spectrophotometry for copper, lead, zinc, molybdenum, mercury, arsenic and antimony.

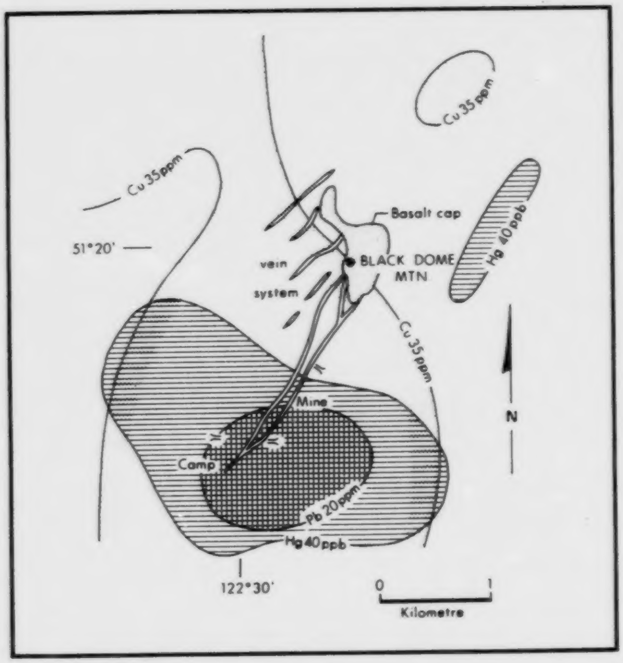

Figure B24. Lithogeochemical dispersion pattern in the Blackdome mine area.

The results are first plotted on metal dispersion maps based on a random array of field stations (*see* Church *et al*., 1981, page 27). For example the map for copper (Figure B24) contoured at the 35 parts per million (ppm) level roughly encloses the area of chlorite-carbonate-clay alteration surrounding the vein system. Also, the contours for mercury at the 40 parts per billion (ppb) level and lead at the 20 ppm level are approximately centred on the high-grade section of the Ridge zone.

The data for analyses of the veins are given in Table B2. From this information the mineralization was further characterized by inter-element correlation and multi-element regression methods.

TABLE B2. ASSAY RESULTS FOR VEIN SAMPLES

No.	Easting	Northing	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	S (ppm)	As (ppm)	Sb (ppm)	Hg (ppb)
1	3513	8503	16.00	470	280	32	54	2900	1500	100	213
2	3517	8507	6.32	165	166	112	62	2400	7700	318	345
3	3500	8500	2.99	5	106	37	26	200	125	<20	303
4	3526	8518	0.42	220	139	36	130	11500	89	<20	393
5	3500	8495	4.11	38	158	62	31	100	49	20	135
6	3495	8490	0.25	1	47	10	15	100	47	<20	591
7	3490	8482	2.13	12	86	107	32	17700	50	<20	218
8	3550	8550	0.13	2	102	27	49	10400	69	<20	415
9	3556	8565	1.40	28	49	18	51	100	158	72	960
10	3545	8544	0.69	18	53	140	17	300	38	20	148
11	3540	8536	2.82	140	84	196	27	200	74	<20	72
12	3545	8700	10.60	4	43	38	12	100	65	41	20
13	3570	8725	1.94	25	74	43	57	50	122	29	137
14	3585	8515	94.60	20	73	20	43	200	143	52	390

NOTE: Samples 1 to 11 inclusive from Ridge zone veins; samples 12 to 14 inclusive from Giant vein.

To test the coherence of pathfinder and ore-forming elements, a product moment correlation matrix was computed using log-transformed values (Table B3). Of the 28 pairs of elements generated from the original data good correlation was obtained between Ag-Cu, Ag-Zn, Ag-As, Cu-Zn, Cu-As and Cu-S. The elemental associations are attributed to the presence of some chalcopyrite and smaller amounts of sphalerite and tetrahedrite-tennantite in the ore. Surprisingly, gold behaves somewhat independently, showing only fair to modest correlation with silver and even weaker correlation with copper.

TABLE B3. CORRELATION MATRIX FOR VEIN ASSAYS
(Log values used)

	Au	Ag	Cu	Pb	Zn	S	As	Hg
Au	1	.37	.21	.09	-.03	-.25	.41	-.31
Ag		1	.66	.43	.62	.26	.57	-.04
Cu			1	.21	.59	.52	.59	.12
Pb				1	-.06	.20	.08	-.49
Zn					1	.54	.45	.49
S						1	.24	-.25
As							1	.20
Hg								1

The chemical signature of the veins has been established by multiple linear regression of the several coherent elements determined from the correlation matrix. This is expressed in terms of the equation:

$$y = b_a + b_1x_1 + b_2x_2 + b_3x_3 + \dots + b_mx_m$$

where x_1, x_2, x_3, etc., and y are the known element variables and b_a, b_1, b_2, b_3, etc., are the unknown constants (coefficients), y being the dependent element variable and x_1, x_2, x_3, etc., remaining the independent element variables.

The curve-fitting calculations and accompanying statistical evaluations are performed according to the computer program listed in Table B4. In assigning S (sulphur) to the dependent variable y and Cu, Zn, As, Ag to x_1, x_2, x_3 and x_4, respectively, the following formula results for 14 vein analyses from Table B2:

$$\mathrm{Log(S)} = -14.8 + 1.85\ \mathrm{Log(Cu)} + 1.49\ \mathrm{Log(Zn)} - 0.13\ \mathrm{Log(As)} - 0.34\ \mathrm{Log(Ag)}$$

yielding a coefficient of multiple correlation (r) = 0.64, a coefficient of determination (r^2) = 0.41 and a standard error of estimate SE = 1.85.

Substituting Au for Ag in the calculations, a comparable fit is obtained:

$$\mathrm{Log(S)} = -12.8 + 1.57\ \mathrm{Log(Cu)} + 0.85\ \mathrm{Log(Zn)} + 0.03\ \mathrm{Log(As)} - 0.39\ \mathrm{Log(Au)}$$

with $r = 0.68$, $r^2 = 0.46$ and SE = 1.79.

CONCLUSIONS

A test of the correlation of pathfinder and ore elements gives evidence of the mineralogy of the orebody. For example, good correlation between copper, silver, arsenic and sulphur indicates the possibility of tetrahedrite-tennantite occurring in the ore.

The chemical signature of the epithermal veins in the vicinity of the Blackdome mine is characterized by the sum of pathfinder elements formulated by multiple linear regression analysis. This formulation may afford quantitative comparison with other epithermal deposits and possibly a rough prediction of ore grades knowing only the level of the pathfinder elements (where gold and silver substitute as dependent variables in the equations).

ACKNOWLEDGMENTS

Much appreciation is owing U. Suesser for his computer programming skills, upon which an important part of this paper is based, and to Trygve Höy and John Newell for scientific review and editing chores.

TABLE B4. CHEMICAL SIGNATURE OF MINERALIZATION

(A program in TI basic for the determination of coefficients;
multiple linear regression procedure)

```
100 REM "MULTIPLE LINEAR REGRESSION EVALUATION"
110 REM "DETERMINATION  OF COEFFICIENTS 'B' IN
115 REM Y = B0+B1*X(1)+B2*X(2)+B3*X(3)+B4*X(4)"
120 DIM X(10),D(6),E(5),A(5,6)
130 OPEN #1:"PIO"
135 PRINT #1:"REGRESSION COEFFICIENTS"
140 REM "INDEPENDENT VARIABLES= M"
150 REM "NO. OF DATA POINTS= N"
160 PRINT "INPUT M,N" :: INPUT M,N :: PRINT "INPUT DATA POINTS"
170 FOR I=1 TO M+2 :: FOR J=1 TO M+1 :: A(J,I)=0
180 NEXT J :: D(I)=0 :: NEXT I
190 FOR K=1 TO N :: PRINT "POINT";K
200 REM THE LAST VARIABLE X(M) IS REALLY Y IN THE DATA SEQUENCE
205 REM ENTER DATA FOR BLACK DOME
206 REM X(1)=CU,X(2)=ZN,X(3)=AS,X(4)=AG,X(4)=Y=S
210 READ X(1),X(2),X(3),X(4),X(5)
220 X(1)=LOG(X(1))
230 X(2)=LOG(X(2))
240 X(3)=LOG(X(3))
250 X(4)=LOG(X(4))
260 X(5)=LOG(X(5))
270 D(M+2)=D(M+2)+X(M+1)^2 :: D(1).A(1,M+2)=A(1,M+2)+X(M+1)
280 FOR I=1 TO M :: A(I+1,1).A(1,I+1)=A(1,I+1)+X(I)
290 D(I+1),A(I+1,M+2)=A(I+1,M+2)+X(I)*X(M+1)
300 FOR J=I TO M :: A(I+1,J+1),A(J+1,I+1)=A(I+1,J+1)+X(I)*X(J)
310 NEXT J :: NEXT I :: NEXT K
320 A(1,1)=N
330 FOR I=2 TO M+1 :: E(1)=A(1,I):: NEXT I
340 FOR S=1 TO M+1
350 FOR T=S TO M+1
360 IF A(T,S)<0 THEN 420
370 IF A(T,S)>0 THEN 420
380 NEXT T
390 PRINT "NO UNIQUE SOLUTION"
400 PRINT #1:"NO UNIQUE SOLUTION"
410 GOTO 2000
420 GOSUB 470
430 C=1/A(S,S):: GOSUB 500
440 FOR T=1 TO M+1 :: IF T=S THEN 460
450 C=--A(T,S):: GOSUB 510
460 NEXT T :: NEXT S :: GOTO 520
470 FOR J=1 TO M+2
480 B=A(S,J):: A(S,J)=A(T,J)=A(T,J):: A(T,J)=B
490 NEXT J :: RETURN
500 FOR J=1 TO M+2 :: A(S,J)=C*A(S,J):: NEXT J :: RETURN
510 FOR J=1 TO M+2 :: A(T,J)=A(T,J)+C*A(S,J):: NEXT J :: RETURN
520 PRINT
530 FOR T=1 TO M+1 :: PRINT "B(";T-1;") = ";A(T,M+2)
550 PRINT #1:"B(";T-1;")=";A(T,M+2)
552 REM
```

TABLE B4. CHEMICAL SIGNATURE OF MINERALIZATION (CONTINUED)
(A program in TI basic for the determination of coefficients;
multiple linear regression procedure)

```
560 NEXT I
570 S=0
580 FOR I=2 TO M+1 :: S=S+A(I,M+2)*(D(I)-E(I)*D(1)/N):: NEXT I
590 T=D(M+2)-D(1)^2/N :: C=T-S
600 I=N-M-1 :: J=S/M :: K=C/I
610 PRINT :: PRINT
620 PRINT ""," REGRESSION TABLE" :: PRINT
630 PRINT "SOURCE","SUM OF SQ.","DEG.FREEDOM","MEAN SQ."
640 PRINT "REGRESSION",S,M,J
650 PRINT "RESIDUAL",C,I,K
660 PRINT "TOTAL",T,N-1 :: PRINT
670 PRINT "F=";J/K
680 PRINT :: PRINT :: J=S/T
690 PRINT #1
700 PRINT #1
710 PRINT #1:"STATISTICS"
720 PRINT "COEF. OF DETERMINATION=";J
730 PRINT #1:"COEF. OF DETERMINATION=";J
740 PRINT "COEF. OF MULTIPLE CORRELATION=";SQR(J)
750 PRINT #1:"COEF. OF MULTPLE CORRELATION=";SQR(J)
760 PRINT "STANDARD ERROR OF ESTIMATE=";SQR(C/I)
770 PRINT #1:"STANDARD ERROR OF ESTIMATE=";SQR(C/I)
780 CLOSE #1
790 PRINT :: PRINT
800 PRINT "DO YOU WISH TO ESTIMATE VALUES OF Y FROM THE"
810 PRINT "REGRESSION CURVE? (1=YES,0=NO)"
820 INPUT I :: IF I=0 THEN 2000
830 PRINT :: S=A(1,M+2)
840 FOR I=1 TO M :: PRINT "COORDINATE X";I
850 INPUT T :: S=S+A(I+1,M+2)*T :: NEXT I
860 PRINT "Y=";S :: PRINT
870 PRINT "ANOTHER POINT?" :: GOTO 820
875 REM DATA CU,ZN,AS,AG,S
880 DATA 43,12,65,4,.01
890 DATA 74,57,122,25,.01
900 DATA 73,43,143,20,.02
910 DATA 280,54,1500,470,.29
920 DATA 166,62,7700,165,.24
930 DATA 106,26,125,5,.02
940 DATA 139,130,89,220,1.15
950 DATA 158,31,49,38,0.01
960 DATA 47,15,47,1,0.01
970 DATA 86,32,50,12,1.77
980 DATA 102,49,69,2,1.04
990 DATA 49,51,158,28,0.01
1000 DATA 53,17,38,18,0.03
1010 DATA 84,27,74,140,0.02
2000 END
2001 REM "RUN FOR BLACK DOME"
```

TABLE B4. CHEMICAL SIGNATURE OF MINERALIZATION (CONTINUED)

(A program in TI basic for the determination of coefficients;
multiple linear regression procedure)

```
REGRESSION COEFFICIENTS
B( 0 )=-14.82111073
B( 1 )= 1.853924833
B( 2 )= 1.486542899
B( 3 )=-.129232617
B( 4 )=-.3439581944


STATISTICS
COEF. OF DETERMINATION= .4149043724
COEF. OF MULTPLE CORRELATION= .6441307106
STANDARD ERROR OF ESTIMATE= 1.853156437
```

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QUESNEL LAKE 93A

FRASERGOLD (Fig. B1, NTS 93, No. 9)

By E.L. Faulkner

LOCATION:	Lat. 52°20' Long. 120°35' (93A/7E) CARIBOO MINING DIVISION. The property is located approximately 110 kilometres east of Williams Lake, in the MacKay River valley.
CLAIMS:	MAC, MAC 2-9 (totalling 143 units) and various 2 post claims and fractions.
ACCESS:	From Horsefly via the Horsefly River and MacKay River logging roads; minor logging roads and drill-access roads cross the property.
OWNER:	EUREKA RESOURCES INC.
COMMODITY:	Gold.

DESCRIPTION:

The property is located in the basal metasedimentary succession of the Quesnel trough, on the east limb of the Eureka Peak syncline. The host rocks are typically phyllites and minor schists of Late Triassic age, striking 120° to 150° and dipping 40° to 65° southwest. The foliation cuts the bedding at a low angle. Attempts have been made to subdivide this basal phyllite sequence either locally or regionally, by Campbell (Reference 3), Belik (Reference 1, Assessment Report 9751), and Bloodgood (Reference 2) with limited success, as local variations in lithology are often as great as regional variations. Arenaceous, micaceous, graphitic and limy variants occur on the property. A dark grey porphyroblastic phyllite, locally referred to as the "knotted phyllite" is the most persistent unit in the sequence and a useful marker.

The nature and origin of the gold mineralization at the property are problematical. It appears to be stratabound, with sometimes coarse but very thin flakes of native gold associated with zones of pyrite porphyroblasts and quartz veinlets, lenses and boudins. Minor calcite and iron carbonates are usually present. However not all phyllites with pyrite, quartz or carbonate concentrations carry gold mineralization.

Historically, some placer gold was recovered from the lower part of Frasergold Creek which crosses the southwest end of the property. A multi-element soil geochemical survey identified a series of gold anomalies (over 200 parts per billion) extending 8 kilometres along the strike, with the largest located between Eureka and Frasergold Creeks, where current exploration efforts are concentrated. Drilling and trenching on this zone, known as the Jay zone, have established a sequence of phyllites up to 25 metres thick and dipping 50° southwest, with mineralization extending over 800 metres along the strike and open at depth. Assay values across the zone range from 1.8 to 4.6 grams/tonne gold. Up to 2.5 metres of the hangingwall carry much higher gold values, from 6.9 to 15 grams/tonne. Preliminary ore reserves of 3.6 million tonnes grading 3.1 grams/tonne, including 600 000 tonnes grading 7.8 grams/tonne, have been calculated.

WORK DONE: Work during 1986 included preliminary metallurgical tests on bulk samples from trenches and large-diameter drilling. Underground exploration and bulk sampling are planned for 1987. Previous work on the property included mapping, geophysics, geochemistry, trenching, diamond drilling and extensive sampling.

REFERENCES:

(1) B.C. Ministry of Energy, Mines and Petroleum Resources, Assessment Reports 8324, 9751, 11833, 12880, 14022.
(2) Bloodgood, M.A. (1987): Geology of the Eureka Peak - MacKay River Area, Central British Columbia (93A/7), B.C. Ministry of Energy, Mines and Petroleum Resources, Open File Map 1987-9.
(3) Campbell, R.B. (1978): Quesnel Lake (93A) Map-Area, British Columbia, Geological Survey of Canada, Open File Map 574.
(4) Mineral Inventory 93A-150.

PRINCE GEORGE 93G

MASTT, MC, ZED 1 (Fig. B1, NTS 93, No. 10)

By E.L. Faulkner

LOCATION: Lat. 53°05' Long. 122°07' (93G/1E)
CARIBOO MINING DIVISION. The claims are located north of Highway 26, approximately 25 kilometres east of Quesnel.
CLAIMS: MC 1 and 2, MASTT 1, 12, 13, ZED 1, and various 2 post claims and placer leases.
ACCESS: From Highway 26 via the 600 Logging Road at Cottonwood House; branch logging roads and placer mine access roads cut the claim area.
OWNERS: Pundata Gold Corp. (MC 1 and 2, MASTT 1, ZED 1), Mastt Resources Inc. (MASTT 12 and 13), T. Toop and others (placer leases).
OPERATORS: PUNDATA GOLD CORP. and MASTT RESOURCES INC.
MINERALIZATION: Gold, silver.
COMMODITIES: Placer gold.

DESCRIPTION:

The area described is the southwest half of a belt, stretching from Hixon to Cottonwood House, that was the centre of a staking rush in early 1986, and is currently the focus of exploration programs by a number of companies including Pundata Gold Corp., Mastt Resources Inc., Gabriel Resources Inc., Noranda and joint-venture groups (see Reference 1).

The area is almost entirely drift covered, with bedrock exposures limited to creek beds, where they have been exposed by placer mining operations. The drift has infilled a youthful bedrock topography, the result of rejuvenation following the capture of the ancestral north-flowing Fraser River. Steep buried valleys with over 120 metres of fill have been reported (see References 5 and 6). Regionally, the area is a northwest-trending belt of andesitic volcanic and volcaniclastic rocks of the Upper Triassic Takla Group, lying within the Quesnel Trough, near its eastern margin.

Diamond drilling on the Pundata property shows bedrock to consist predominantly of a mixture of chloritized andesitic lithic and lapilli tuffs, with lesser amounts of pale, fresh-looking felsic tuffs and dark green serpentinites. The felsic tuffs are not typical of this part of the Quesnel Trough, as no felsic volcanic centres have been identified in the area. The serpentinites are common as small bodies in the faulted eastern half of the Quesnel Trough, and probably represent altered ultramafic rocks of the Permo-Triassic Trembleur intrusions. Brecciated zones intersected by drilling appear to confirm the presence of northeast-trending faults, indicated by VLF-electromagnetic anomalies. Percussion drilling by Mastt Resources Inc. has intersected tuffaceous sediments and a minor syenite intrusion.

Placer gold mineralization has been successfully exploited from historic times to the present. Nuggets recovered by Mr. T. Toop from his leases are of two distinct types:

(1) Smooth, well-rounded solid nuggets.
(2) Spongy to arborescent nuggets, with slightly worn exterior edges and shiny, sharp interior edges and faces, possibly from contact with a former pyritic matrix.

A few small well-worn nuggets, embedded in a quartz matrix and recovered from ferruginous cemented gravels, may represent a third type. The second type of nugget, at least, clearly indicates a proximal source of primary gold mineralization, and is a major reason for the exploration interest in the area.

Bedrock targets have been induced polarization, magnetic and VLF-electromagnetic anomalies. Disseminated pyrite is common in the andesitic volcanics and the brecciated zones, and disseminated pyrrhotite, sometimes exceeding 1 per cent, is common in the serpentinites. Anomalous gold values are associated with both sulphides. A number of intersections in the more heavily mineralized andesitic volcanics and brecciated zones has been reported by Pundata Gold Corp. to assay from 1 gram/tonne to 30 grams/tonne gold over widths from 1 to 3 metres (Reference 4). Mastt Resources Inc. has also reported some minor visible gold in percussion drill cuttings, and assays from 2 grams/tonne to 26.5 grams/tonne gold over widths up to 6 metres (References 2 and 3).

The structure and continuity of the mineralization have not been established to date.

WORK DONE:	Pundata Gold Corp.: VLF-electromagnetic, magnetic, and induced polarization surveys; 19 holes totalling over 1800 metres; Mastt Resources Inc.: soil geochemistry; percussion drilling.

REFERENCES:

(1) Faulkner, E.L. (1987): G (93G/1W), B.C. Ministry of Energy, Mines and Petroleum Resources, This Publication.
(2) George Cross Newsletter, Mastt Resources, No. 5, 1987.
(3) George Cross Newsletter, Mastt Resources, No. 1, 1987.
(4) George Cross Newsletter, Pundata Gold Corp., No. 178, 1986.
(5) Scott-Bending, J., Pundata Gold Corp., Personal Communication.
(6) Troup, A.G., Archaean Engineering Ltd., Personal Communication.
(7) Mineral Inventory (Placer Occurrences) 93G-25 (Cottonwood), 93G-26 (Mary Creek).

THUNDER (AHBAU, G) (Fig. B1, NTS 93, No. 11)

By E.L. Faulkner

LOCATION:	Lat. 53°15' Long. 122°20' (93G/1W) CARIBOO MINING DIVISION. The claims are located approximately 30 kilometres north of Quesnel.
CLAIMS:	G 22-32 (totalling 220 units).
ACCESS:	Highway 97 passes through the southwest part of the claim group, and several logging roads and four-wheel-drive vehicle trails cross the claims.
OWNER:	GABRIEL RESOURCES INC.
MINERALIZATION:	Gold, silver, copper.

DESCRIPTION:

The claims are located in the centre of a belt stretching from Hixon to Cottonwood House that was the scene of a staking rush in early 1986, and is currently the focus of exploration programs by a number of companies, including Pundata Gold Corp., Mastt Resources Inc., Gabriel Resources Inc., and joint-venture groups (see Reference 2).

The area lies in the Quesnel Trough and is heavily drift covered, especially to the south and east. Outcrops occur in creeks, on low ridges and along road cuts and the British Columbia Railway right-of-way. Rocks in the claim area are a mixed assemblage of volcanic and sedimentary rocks of the Triassic Takla Group. Augite porphyry flows and andesitic to basaltic tuffs are the principal rock types, with lesser conglomerates, greywackes, argillites and a massive black limestone. The Cretaceous Naver intrusion, ranging in composition from quartz monzonite to diorite, outcrops in places in the northern part of the claim group, and a number of minor plutons and dykes fringing this intrusion are exposed in scattered outcrops and in trenches.

Rusty, disseminated to massive sulphides outcrop north of Ahbau Creek. The principal sulphide is pyrite, with lesser amounts of chalcopyrite and minor pyrrhotite. Arsenopyrite, sphalerite and galena have also been reported (Reference 1, Assessment Report 13721). The host rocks are massive augite porphyry flows and intercalated argillites. The flows are locally moderately magnetic, and contain up to 1 per cent magnetite and minor pyrrhotite. Trench samples have returned 5.7 to 10.4 grams/tonne gold, 18.7 to 200 grams/tonne silver and up to 0.6 per cent copper, over widths of 1.2 to 4.2 metres. The sulphide mineralization is brecciated and trends discontinuously northeast for over 200 metres. Drilling on this zone has returned comparable assays over an average width of 1.5 metres at shallow depths (References 3, 4 and 5).

WORK DONE: Over 2500 metres were drilled in 25 holes on three target areas in 1986, with the most encouraging results coming from the Ahbau Creek area. Previous work has included a regional reconnaissance heavy mineral concentrate study, an airborne INPUT and magnetic survey, ground electromagetic and magnetic surveys, and soil geochemistry. Drilling continues in 1987.

REFERENCES:

(1) B.C. Ministry of Energy, Mines and Petroleum Resources, Assessment Reports 15085, 14266, 13712, 13711.
(2) Faulkner, E.L. (1987): MC, MASTT, B.C. Ministry of Energy, Mines and Petroleum Resources, This Publication.
(3) George Cross Newsletter, Gabriel Resources, No. 25, 1987.
(4) George Cross Newsletter, Gabriel Resources, No. 186, 1986.
(5) George Cross Newsletter, Gabriel Resources, No. 171, 1986.
(6) Mineral Inventory 93G-7.

SMITHERS 93L

SILVER QUEEN (Fig. B1, NTS 93, No. 12) By D.V. Lefebure

LOCATION: Lat. 54°05'20" Long. 126°44'25" (93L/2E)
OMINECA MINING DIVISION. On the east side of Owen Lake, approximately 35 kilometres south of Houston.
CLAIMS: ASTA FR., BELL 1-3, 1-5 FR., BLACK BEAR, COLE 1, DIAMOND BELLE, EARL 1-3, 1 FR., ETHEL, IXL, IXL 3, IVAN FR., LILY Fraction, LUCY, MAE, MAE 1, MARY, MARY FR., SILVER 1-7, SILVER KING, SILVER QUEEN, SILVER TIP, TIP TOP 1, TYEE, VAN 1-9, 1-2 FR.
ACCESS: By gravel road from Highway 16 at Houston.
OWNERS: Houston Metals Corporation, New Nadina Explorations Ltd., Placer Development Limited and Thorne Riddell Inc.
OPERATOR: HOUSTON METALS CORPORATION.

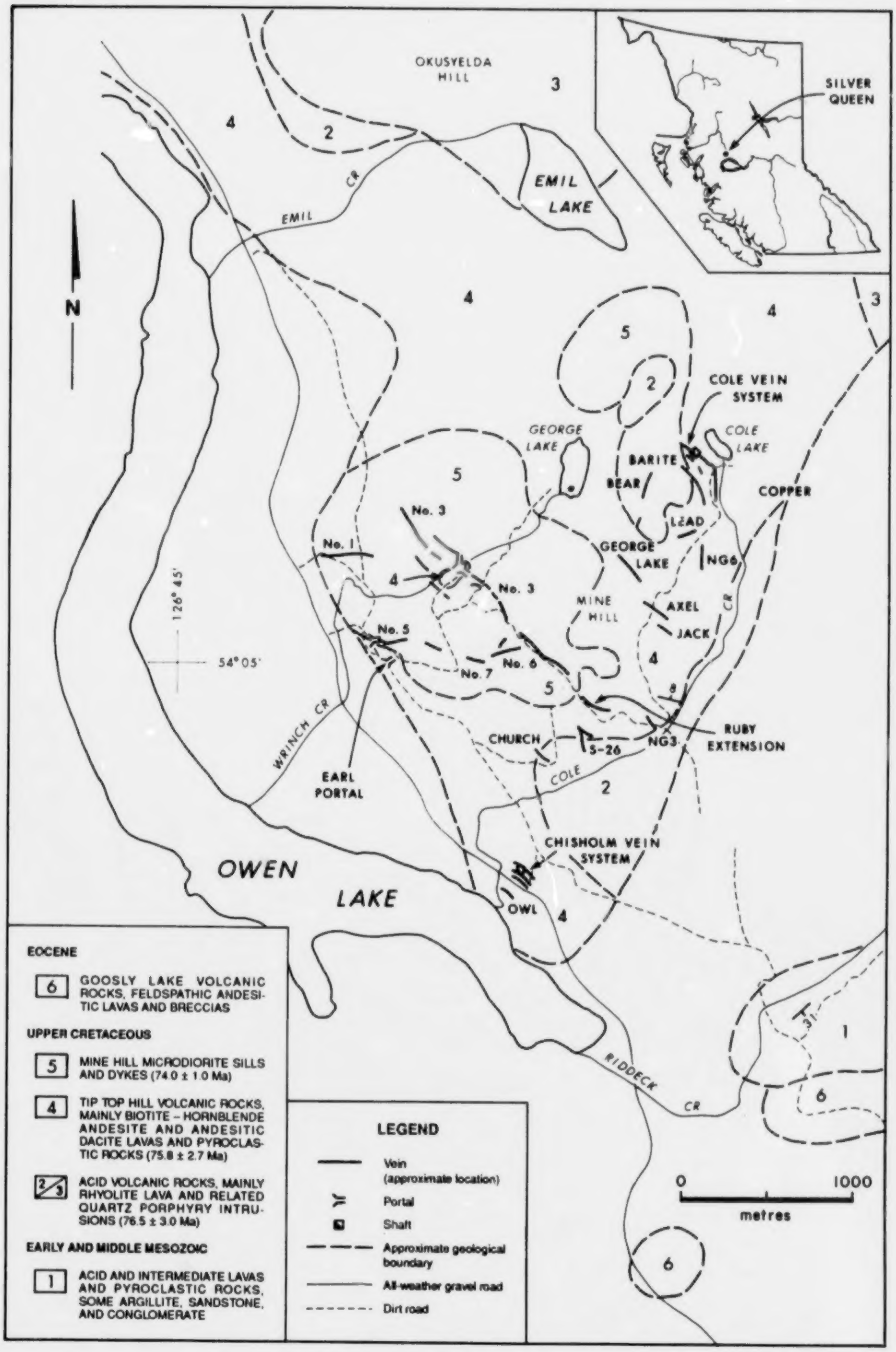
OKUSYELDA HILL
3
4
2
EMIL LAKE
EMIL CR
SILVER QUEEN
N
4
4
3
5
2
COLE VEIN SYSTEM
GEORGE LAKE
COLE LAKE
BARITE
BEAR
5
COPPER
No. 3
LEAD
No. 1
GEORGE LAKE
NG6
4
No. 3
MINE HILL
AXEL
CR
JACK
126° 45'
54° 05'
No. 5
No. 6
4
No. 7
5
8
RUBY EXTENSION
CHURCH
S-26
NG3
WRINCH CR
COLE
2
EARL PORTAL
CHISHOLM VEIN SYSTEM
OWEN
LAKE
OWL
4
1
RIDDECK CR
6
6
0
1000
metres
EOCENE
6 GOOSLY LAKE VOLCANIC ROCKS, FELDSPATHIC ANDESITIC LAVAS AND BRECCIAS
UPPER CRETACEOUS
5 MINE HILL MICRODIORITE SILLS AND DYKES (74.0 ± 1.0 Ma)
4 TIP TOP HILL VOLCANIC ROCKS, MAINLY BIOTITE – HORNBLENDE ANDESITE AND ANDESITIC DACITE LAVAS AND PYROCLASTIC ROCKS (75.8 ± 2.7 Ma)
2/3 ACID VOLCANIC ROCKS, MAINLY RHYOLITE LAVA AND RELATED QUARTZ PORPHYRY INTRUSIONS (76.5 ± 3.0 Ma)
EARLY AND MIDDLE MESOZOIC
1 ACID AND INTERMEDIATE LAVAS AND PYROCLASTIC ROCKS, SOME ARGILLITE, SANDSTONE, AND CONGLOMERATE
LEGEND
Vein (approximate location)
Portal
Shaft
Approximate geological boundary
All-weather gravel road
Dirt road

Figure B24. Geology of the Silver Queen mine area (modified from Church, 1969 and Church, 1973).

COMMODITIES: Silver, zinc, lead, copper, gold, cadmium, barium, gallium, germanium.

DESCRIPTION:

The history of the Silver Queen property for the period from 1912 to 1969 has been summarized by Holland (1965) and Church (1969). In 1971 the Bradina joint venture was formed involving Bralorne CanFer Resources Ltd. and Nadina Explorations Ltd. These companies brought the property into production in 1972 at a mill rate of 450 tonnes/day. The mine closed in 1973 after milling approximately 180 000 tonnes of ore. Extensive surface and underground diamond drilling (6228 metres) was completed by the joint venture partners in 1972 and 1973. A more modest drill program totalling 1795 metres was completed in 1974 before the joint venture terminated. In 1977 the Silver Queen property was optioned by New Frontier Petroleum Ltd. which completed four surface drill holes (609 metres) before dropping the option in 1978. In 1980 and 1981 New Nadina Explorations Ltd. completed rehabilitation on the main or 2600 level and drilled 6 surface holes and 28 underground holes totalling 2823 metres. An evaluation of the Silver Queen property was completed by Campbell Resources Ltd. in 1982. A Questor airborne-EM survey was also carried out at that time. In 1983 and 1984, New Nadina Explorations Ltd. drilled 15 holes totalling 1980 metres. The following year Bulkley Silver Resources Inc. signed an agreement with New Nadina Explorations to earn a 60-per-cent interest in the Silver Queen property to add to their claims covering the Cole vein system located immediately to the east. Six diamond-drill holes were completed on the Silver Queen in 1985.

This past year, Bulkley Silver Resources Inc. collected samples from the No. 3 vein on the 2600 level and surface exposures of eight veins to determine the gallium and germanium distribution. In the fall of 1986 Bulkley Silver Resources Inc. and Cater Energy Inc. amalgamated to form Houston Metals Corporation and started a program of underground rehabilitation and exploration in November 1986.

A preliminary inspection of the No. 5 or Portal vein showed it varied from 0.4 to 1.2 metres in width. The vein is offset by a crosscutting fault 13.7 metres from the portal of the adit. The vein segment west of the fault consists of banded massive sphalerite and chalcopyrite in the back, striking approximately 100°. East of the fault the mineralization consists of a sheeted vein with earlier veins of rhodochrosite and associated barite, sphalerite and galena, being cut by chalcopyrite-quartz veins. The sheeted vein strikes approximately 120° and dips steeply to the north. The footwall of the vein is a fault marked by grey gouge. Small black patches of pyrobitumen occur in a rhodochrosite matrix at the face. The host for the No. 5 vein is a fine-grained feldspar porphyry andesite which has traditionally been called microdiorite at the mine.

WORK DONE: Underground rehabilitation of the Earl adit and north and central section of 2600 level, 22-metre adit on No. 5 vein, crosscut initiated at 2600 level toward No. 2 vein, surface and underground sampling.

REFERENCES:

B.C. Ministry of Energy, Mines and Petroleum Resources, MI 93L-002; Assessment Reports 12009, 12876.

Church (1969): B.C. Ministry of Energy, Mines and Petroleum Resources, Geology, Exploration and Mining in B.C., 1969, pages 122-141.

..... (1973): B.C. Ministry of Energy, Mines and Petroleum Resources, Preliminary Map 11.

Holland, Stuart S. (1965): Minister of Mines, B.C., Annual Report, 1965, pages 81-84.

ISKUT RIVER 104B

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*RED RIVER (SULPHURETS)

(Fig. B1, NTS 104, No. 13)

By D.V. Lefebure

LOCATION:	Lat. 56°30' Long. 130°15' (104B/8) SKEENA MINING DIVISION. Northwest of Mount Knipple from south of Brucejack Lake and Sulphurets Creek to north of the headwaters of Mitchell Creek at elevations of 30 to 1850 metres, approximately 65 kilometres north-northwest of Stewart.
CLAIMS:	RED RIVER, RED RIVER 2-11, TEDRAY 1-22, ED 1-2, ICE 1-5, IRON CAP 1-7, XRAY 1-9, SULPHURETS 1-3 FR., OK 1-8 (most of work on Red River and Red River 2).
ACCESS:	By helicopter from Stewart.
OWNERS:	Newhawk Gold Mines Limited, Lacana Mining Corporation, and Granduc Mines Limited.
OPERATOR:	NEWHAWK GOLD MINES LIMITED.
COMMODITIES:	Silver, gold, copper, molybdenum.

DESCRIPTION:

Exploration of the Sulphurets property (Red River, MI 104B-114) in 1986 was focused on the West gold-silver zone, located 700 metres west of Brucejack Lake. The mineralization occurs in quartz veins and stockworks which are hosted by altered sediments and volcaniclastic rocks of the Jurassic Unuk River Formation. Current drill-proven reserves on the West zone (also known as the West Brucejack zone) are 487 059 tonnes averaging 11.38 grams gold and 722.0 grams silver per tonne.

Placer gold was discovered in the Unuk River area in 1893 (Mandy, 1936). Mandy noted evidence of placer mining activity along both Mitchell and Sulphurets Creeks during his 1935 visit. Gold-bearing gravels on low benches were known to extend from the "upper end of Sulphurets Canyon at about Jayjack Creek to Mitchell Creek" (Mandy, 1936; MI 104B-020).

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*Fieldwork for this report was in part funded by the Canada/British Columbia Mineral Development Agreement.

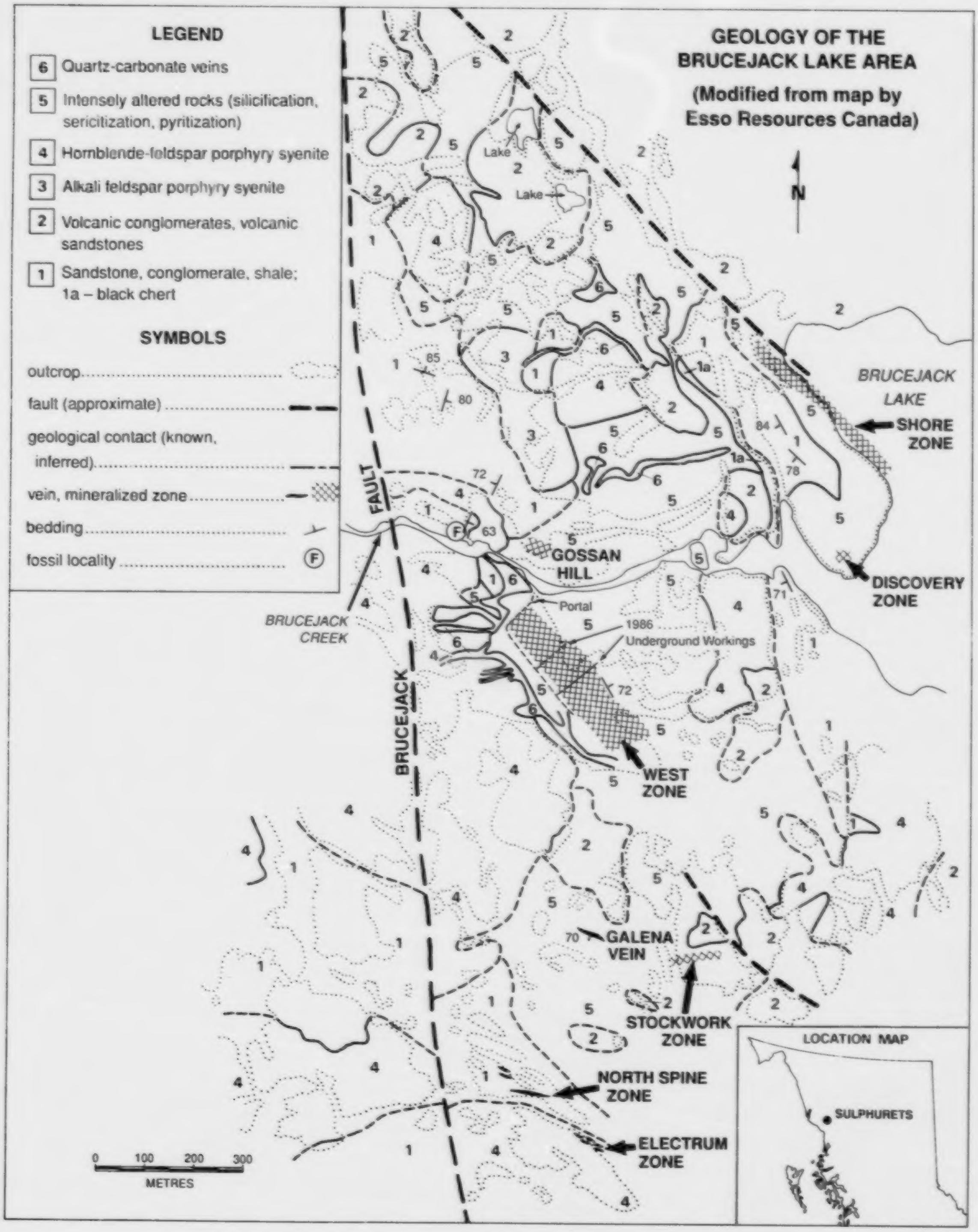
GEOLOGY OF THE BRUCEJACK LAKE AREA
(Modified from map by Esso Resources Canada)
LEGEND
6 Quartz-carbonate veins
5 Intensely altered rocks (silicification, sericitization, pyritization)
4 Hornblende-feldspar porphyry syenite
3 Alkali feldspar porphyry syenite
2 Volcanic conglomerates, volcanic sandstones
1 Sandstone, conglomerate, shale; 1a – black chert
SYMBOLS
outcrop
fault (approximate)
geological contact (known, inferred)
vein, mineralized zone
bedding
fossil locality
N
Lake
BRUCEJACK LAKE
SHORE ZONE
DISCOVERY ZONE
GOSSAN HILL
BRUCEJACK CREEK
BRUCEJACK FAULT
Portal
1986 Underground Workings
WEST ZONE
GALENA VEIN
STOCKWORK ZONE
NORTH SPINE ZONE
ELECTRUM ZONE
0 100 200 300
METRES
LOCATION MAP
SULPHURETS

Figure B25. Geology of the Brucejack Lake area.

In 1935 Bruce and Jack Johnstone discovered the Big Showing (MI 104B-12), later called the Main zone, on the divide between Mitchell and Sulphurets Creeks. A silicified zone containing quartz and calcite stringers was noted to contain minor arsenopyrite and chalcopyrite. The Johnstone brothers also located a deposit of barite near Brucejack Lake the same year.

Prospectors relocated the Big Showing in 1955, but claims were not recorded until 1960 when Granduc Mines Limited staked the mineral rights. During the early 1960s, Newmont Mining Corporation of Canada Ltd. carried out a geophysical and geological exploration program on the property on behalf of Granduc. In 1963, R.V. Kirkham completed a study on the "Geology and Mineral Deposits in the Vicinity of the Mitchell and Sulphurets Glaciers, Northwestern British Columbia". After a period of limited exploration activity, Granduc Mines carried out geological mapping, trenching, bedrock geochemical sampling and drilling programs over the Sulphurets property from 1967 to 1975 in search of porphyry copper-molybdenum deposits. Shear zones with minor silver and gold values west of Brucejack Lake were sampled and trenched in 1976.

In 1980, Esso Minerals Canada optioned the property; initially it focused exploration on the porphyry copper-molybdenum deposits which occur between the Snowfield zone and the Sulphurets glacier. Subsequently Esso shifted its emphasis to bulk-mineable gold zones and high-grade silver-gold veins. During the period from 1980 to 1984, Esso Minerals completed a comprehensive exploration program which included mapping, geochemical sampling, trenching and diamond drilling. The West Brucejack and Shore (also known as the Peninsula) zones were drilled and reserves of 145 149 tonnes grading 7.20 grams gold and 651.4 grams silver per tonne estimated for the former zone. Esso Minerals relinquished its option in 1984.

Newhawk Gold Mines Lmited and Lacana Mining Corporation optioned the Sulphurets property from Granduc Mines Limited under a joint venture agreement in 1985. A total of 3984 metres was drilled in 19 holes on the West and Snowfield zones in 1985.

The joint venture concentrated its exploration activities in 1986 on the Shore, West and Gossan zones in the southwest corner of the Sulphurets property. All three zones were drilled from surface and a 365-metre decline was driven to the West zone. West zone mineralization has been traced along strike for 300 metres and down dip for 150 metres.

The geology of the Sulphurets-Mitchell Creek area has been compiled by Grove (1968). A simplified geological map of the southwestern corner of the Sulphurets property shows the location of the gold-silver zones (Figure B25). The mineralized zones lie along splays off the Brucejack fault, a major north-trending structure. The conformable rocks generally strike north with variable dips to the east and west. The intense alteration of many of the rocks, particularly around the mineralized zones, often makes it difficult to identify original compositions. Altered rocks weather a reddish orange colour, easily visible from several kilometres away.

The oldest rocks in the Brucejack Lake area are sedimentary rocks (Unit 1) and volcaniclastic rocks (Unit 2). The sediments are principally sandstones, conglomerates, shales and black chert (Unit 1a). The chert unit is a potential marker horizon. Malcolm (1962) identified a unit on the south side of the Mitchell glacier within intensely "altered quartz, mica and secondary feldspar" rocks which may be stratigraphically equivalent to Unit 1a. K. Hicks of Newhawk Gold Mines Limited located several brachiopod fossils in a limy sandstone outcropping near Brucejack Creek, west of the camp. Volcaniclastic rocks are volcanic conglomerates, sandstones.

The stratified rocks are cut by alkali feldspar porphyry syenite (Unit 3) and hornblende feldspar porphyry syenite (Unit 4) intrusions. The intrusions are characterized by their porphyritic texture and more massive appearance in outcrop. The feldspar porphyry intrusions are similar in appearance to the Premier porphyry dykes associated with the silver-gold mineralization at the Silbak Premier mine 45 kilometres to the south.

There are several generations of quartz veins, including at least two sets of mineralized veins. A set of large quartz-carbonate veins (Unit 6), which typically trend easterly, are the youngest rocks in the immediate area. These veins are unmineralized and up to several metres wide. Quartz frequently exhibits cockscomb structure and forms bands within the veins.

The mineralized veins and stockworks contain up to 30 per cent sulphides which include pyrite, sphalerite, galena, tetrahedrite, electrum, chalcopyrite, argentite and pyrargyrite. Quartz with minor barite and calcite are the principal gangue minerals. The high-grade mineralized zones are typically 1 to 10 metres thick with an envelope tens of metres wide carrying gold values which typically range from 0.5 to 1 gram gold per tonne.

The West zone consists of series of high-grade quartz stockwork shoots containing tetrahedrite, electrum, pyrargyrite and argentite with associated galena and sphalerite. The zone dips steeply northeast and strikes 140°. Surface exposures consist of a stockwork zone in highly altered sediments and volcaniclastic rocks. Original clastic textures are preserved in drill core away from the stockwork zone, but petrographic studies reveal that the rocks consist entirely of secondary minerals.

The Shore zone consists of multiple, subparallel quartz stockwork zones along the northeastern edge of Brucejack peninsula. One zone outcrops and the others lie beneath the lake. The quartz veins and stockworks trend northwest and dip steeply to the northeast. Strongly sericitized sandstone hosts the mineralization. Easterly trending barite veins with associated galena, pyrite, chalcopyrite and cerargyrite are also present.

Both the Shore and West mineralized zones are enveloped by intense alteration which replaces all the primary minerals. The quartz stockwork is hosted by a grey, siliceous rock with up to 7 per cent pyrite which grades into a sericitic rock cut by minor quartz veinlets and containing 20 per cent disseminated pyrite. Several metres to tens of metres from the mineralized zone the quartz veinlets die out, sericite predominates as the alteration mineral and the pyrite content drops to less than 10 per cent. Minor carbonate alteration is found throughout the alteration envelope, but is most abundant in the sericite-quartz rock. Potassium-feldspar alteration is present but difficult to quantify without using staining techniques for feldspar identification.

The age of mineralization has not been determined. Potassium-argon dates by Esso Resources Canada on sericite alteration from the West zone and potassium feldspar from a granite at the toe of the Mitchell glacier are identical, 108±4 million years. These dates correlate with a regional greenschist metamorphic peak identified by Alldrick et al. (1987a) and are not believed to date the mineralizing event. Two galena samples, one from a barite vein in the Shore zone and the other from a vein at the toe of the Hanging Glacier, were analysed for their lead isotope contents. The samples plot with a cluster of deposits with a Jurassic lead signature defined by Alldrick et al. (1987b) on the ^{206}Pb/^{208}Pb versus ^{206}Pb/^{207}Pb diagram.

WORK DONE: Forty-seven surface diamond-drill holes totalling 6098 metres; 427 metres of underground development; geological mapping and sampling.

REFERENCES:

Alldrick, D.J., Brown, D.A., Harakal, J.E., Mortensen, J.K. and Armstrong, R.L. (1987a): Geochronology of the Stewart Mining Camp (104B/1), B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1986, Paper 1987-1, pages 81-92.

Alldrick, D.J., Gabites, J.E. and Godwin, C.I. (1987b): Lead Isotope Data from the Stewart Mining Camp (104B/1), B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1986, Paper 1987-1, pages 93-102.

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..... (1971): Geology and Mineral Deposits of the Stewart Area, Northwestern British Columbia, B.C. Ministry of Energy, Mines and Petroleum Resources, Bulletin 58, 219 pages.

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Kirkham, R.V. (1963): The Geology and Mineral Deposits in the Vicinity of the Mitchell and Sulphurets Glaciers, Northwest British Columbia, Unpublished Ph.D. Thesis, The University of British Columbia, 122 pages.

Malcolm, D.C. (1962): Mitchell Creek Geological Report, B.C. Ministry of Energy, Mines and Petroleum Resources, Assessment Report 499, 14 pages.

Mandy, Joseph T. (1936): Unuk River Area, Minister of Mines, B.C., Annual Report, 1936, pages B7-B12.

Schroeter, T.G. (1983): Brucejack Lake (Sulphurets) Prospect (104B/8), B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1982, Paper 1983-1, pages 171-174.

Tribe, N.L. (1985): Progress Report 1985 Field Season, Sulphurets Property, Brucejack Lake Area, Skeena Mining Division, B.C. Ministry of Energy, Mines and Petroleum Resources, Assessment Report 14672, 16 pages.

COAL

SMITHERS 93L

GUESS CREEK COAL PROSPECT

(Fig. B1, NTS 93, No. 14)

By G.V. White

LOCATION: Lat. 54°50'30" Long. 126°31'00" (93L/15)
OMINECA MINING DIVISION. The coal licences are approximately 6 kilometres southwest of Fulton Lake.

LAND STATUS: CL 8088, 8089 and 8090 (Joe Hidber); CL 8202 and 8203 (Shell Canada Ltd.)

ACCESS: The area covered by the coal licences is located approximately 6.3 kilometres by road north of Kilometre 76 on the Chapman Lake forest road. Coal showings can be found 2 kilometres east of the road along Guess Creek.

OWNERS: JOE HIDBER (CL 8088-8090) and SHELL CANADA LTD.

DESCRIPTION:

INTRODUCTION

Reflectance tests, using the mean maximum of vitrinite in oil techniques, indicate a sample of coal collected from a seam near Guess Creek (Figure B26, seam A) during 1985 was of a high rank (D.A. Grieve, personal communication). A three-day program in August 1986 was conducted to determine:

(1) The coal's potential as a source of graphite.
(2) The thickness, continuity and rank of seams exposed along Guess Creek and the nature of the host sediments.

Tests indicate that the coals range from high-volatile bituminous to meta-anthracite. X-ray diffraction did not detect graphite in the samples analysed.

GEOLOGY

Sediments hosting the Guess Creek coal seams consist of Middle Jurassic or younger greywacke, siltstone, mudstone, tuffaceous greywacke and minor conglomerate (Carter and Kirkham, 1969). These sediments are poorly exposed except along sections of Guess Creek, where 35 metres of rock and overburden are exposed in vertical cliffs. A brief description of sediments exposed along Guess Creek follows (see Figure B27):

Conglomerate: Conglomerate is exposed along the north bank and consists of rounded to subangular cherty pebbles up to 3 by 4 centimetres in size. The pebbles are yellowish brown to black in colour and have been poorly sorted and cemented with a fine-grained sand matrix.

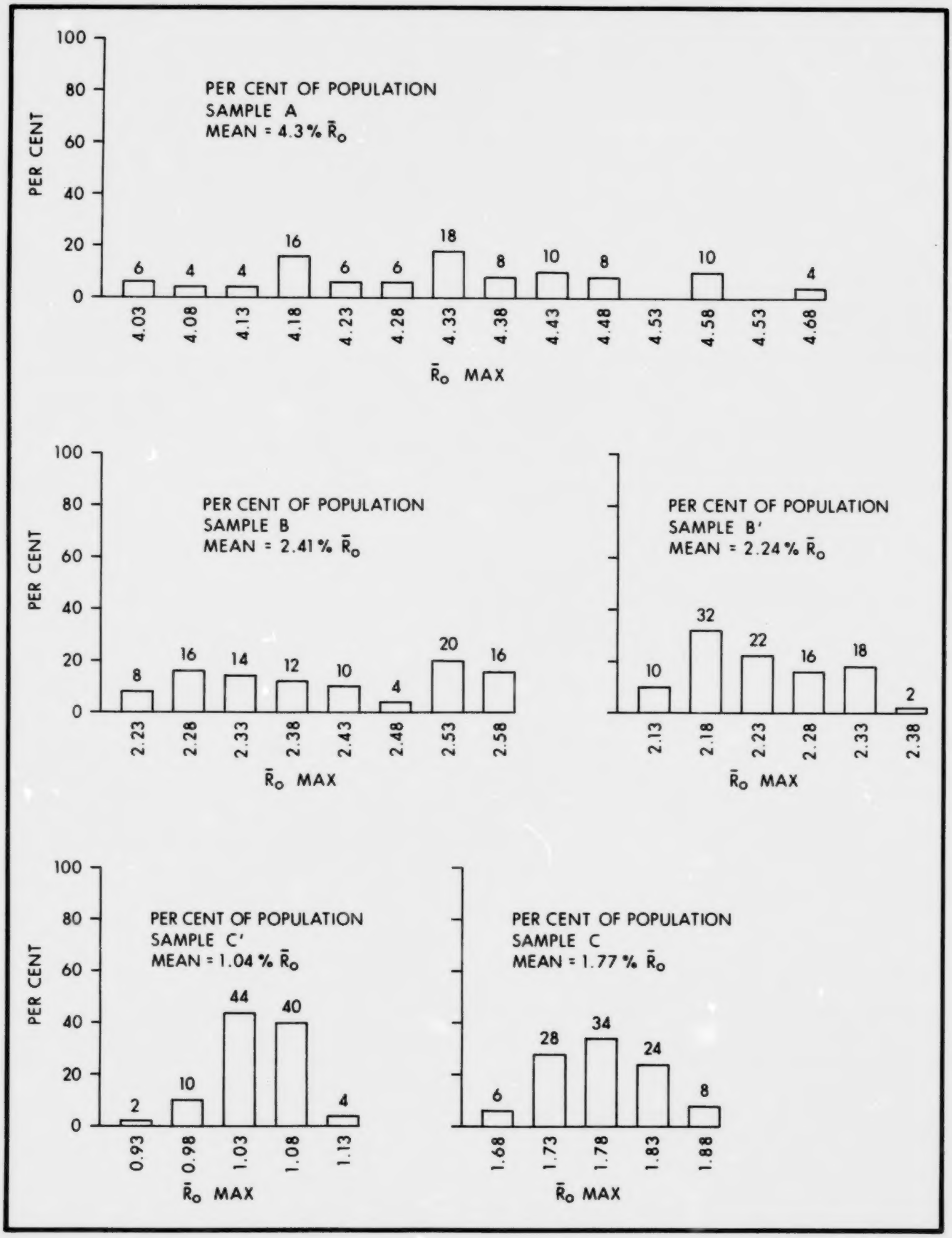

Figure B26. $\bar{R}_o$ max, sampled coal (Guess Creek).

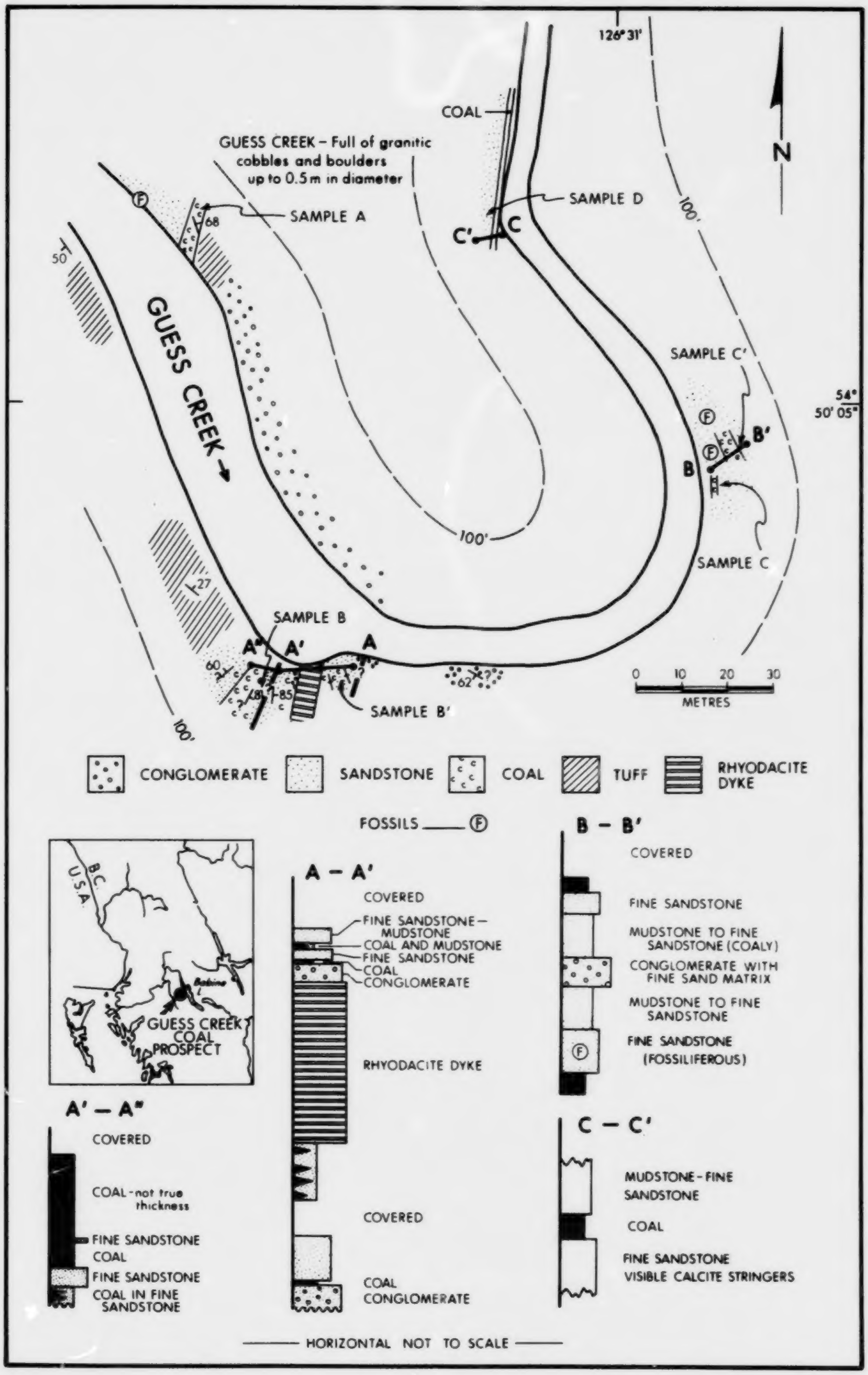
126°31'
COAL
GUESS CREEK – Full of granitic cobbles and boulders up to 0.5m in diameter
SAMPLE D
SAMPLE A
68
C'
C
N
100'
50
GUESS CREEK
SAMPLE C'
54°
50' 05"
F
B'
B
100'
SAMPLE C
27
SAMPLE B
A"
A'
A
60
48
85
62
SAMPLE B'
100'
0
10
20
30
METRES
CONGLOMERATE
SANDSTONE
COAL
TUFF
RHYODACITE DYKE
FOSSILS
B.C.
U.S.A.
Babine L.
GUESS CREEK COAL PROSPECT
A – A'
COVERED
FINE SANDSTONE – MUDSTONE
COAL AND MUDSTONE
FINE SANDSTONE
COAL
CONGLOMERATE
RHYODACITE DYKE
COVERED
COAL
CONGLOMERATE
B – B'
COVERED
FINE SANDSTONE
MUDSTONE TO FINE SANDSTONE (COALY)
CONGLOMERATE WITH FINE SAND MATRIX
MUDSTONE TO FINE SANDSTONE
FINE SANDSTONE (FOSSILIFEROUS)
A' — A"
COVERED
COAL - not true thickness
FINE SANDSTONE
COAL
FINE SANDSTONE
COAL IN FINE SANDSTONE
C – C'
MUDSTONE - FINE SANDSTONE
COAL
FINE SANDSTONE
VISIBLE CALCITE STRINGERS
HORIZONTAL NOT TO SCALE

Figure B27. Sketch map, Guess Creek coal prospect (93L/15).

Sandstone/Mudstone: Exposed sandstone/mudstone beds are fine grained, grey to black in colour, calcareous and weakly magnetic. Individual beds range from a few centimetres to 3.5 metres thick and contain coalified plant debris (grasses and stems) and in two locations bivalves (Table B1). On the south bank near sample location B', a few rounded pebbles are present.

TABLE B1*

Fossils (Bivalves)	**Age**
Vaugonia doroschini (Eichwald) Pleuromya sp.	Bathonian to Oxfordian (Middle to Late Jurassic)

*Fossils identified by H.W. Tipper.

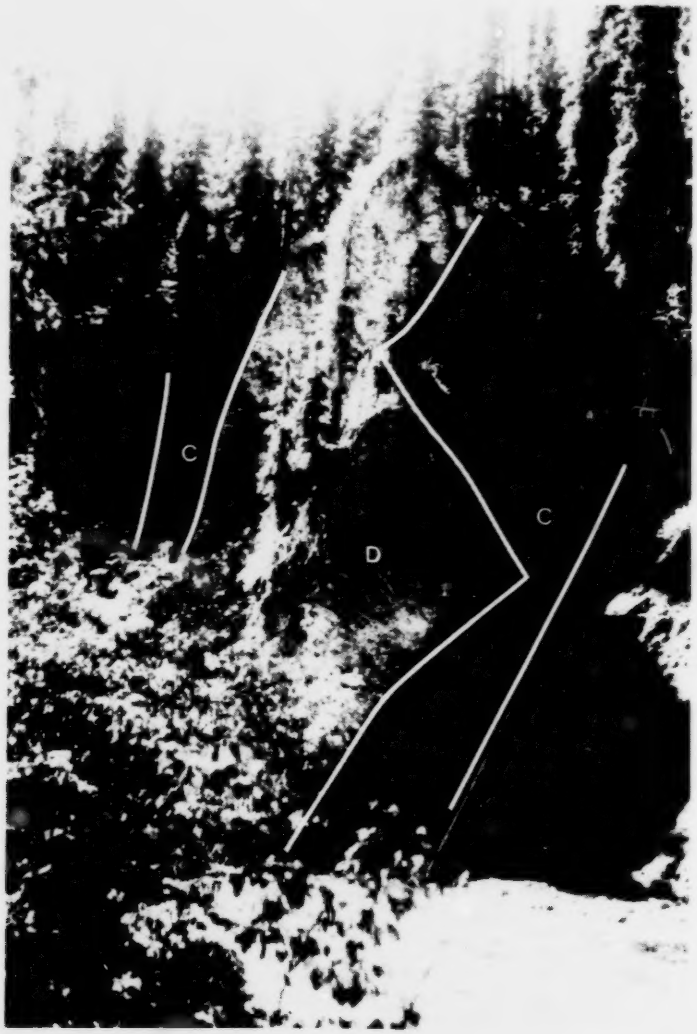

Plate B7. Coal (C) intruded by rhyodacite dyke (D), seam B.

Tuffaceous Sediments: Medium-grained grey to greenish grey tuffaceous sediments are exposed northwest of seams A and B (Figure B27). These calcareous rocks, not examined in detail, are distinct from the more pelitic units to the southeast.

Dykes: A prominent rhyodacite dyke (Figure B27 and Plate B7) cuts metamorphosed sandstone, mudstone and coal, is light grey in colour, and contains small (1 to 2-millimetre) phenocrysts of biotite and cloudy grey quartz and plagioclase crystals. The groundmass consists of a very fresh-looking alkali feldspar and quartz.

Coal: Four separate coal occurrences were identified and sampled. Individual coal seams are up to 1.8 metres in thickness and aggregate intervals, which include mudstone and fine-grained sandstone partings, measured up to 7 metres. The seams dip steeply to the east and strike to the north-northeast. Seam D was traced over a strike length of 30 metres; other seams were poorly exposed. A summary of seam thickness, coal rank and associated clay minerals are listed in Table B2. Graphite was not detected in any of the coal samples tested by X-ray diffraction.

TABLE B2

Location	Vitrinite Reflectance per cent	Coal Rank*	Associated Minerals
A	4.3	Meta-anthracite	Quartz>montmorillonite>kaolinite≥plagioclase±calcite
B	2.41	Semi-anthracite to anthracite	Quartz>montmorillonite≥calcite≥plagioclase≥illite>kaolinite
B'	2.23	Semi-anthracite	Quartz>calcite>kaolinite>minor plagioclase, illite-montmorillonite
C	1.77	Low-volatile bituminous	Calcite>montmorillonite>quartz>kaolinite>plagioclase
C'	1.02	High-volatile bituminous	Quartz>kaolinite>calcite>montmorillonite±gypsum, anatase
D	2.73	Anthracite	Quartz>kaolinite>montmorillonite>calcite

*After Hood and Gutjahr, 1972 and Teichmuller, 1974.

DISCUSSION

The variation in rank between seams (Table B2) was not expected. One explanation is that dykes locally metamorphosed the coals. The degree of coalification reflects this thermal alteration.

ACKNOWLEDGMENTS

I would like to thank J. Schwemler for measuring the $\bar{R}_o$ values reported here, H.W. Tipper for identifying bivalves and D. Hannay for his assistance during three days of fieldwork.

REFERENCES

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PART C

MINERALS AND COAL EXPLORATION

PART C

MINERALS AND COAL EXPLORATION

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C1 Exploration in British Columbia, 1986, Index Map of Assessment Work .... In pocket

PREFACE

The following outline of the organization of Part C will assist the user in understanding the material it contains.

SOURCES OF INFORMATION

Assessment reports on geology, geophysics, geochemistry, drilling, and prospecting submitted by the mineral exploration and development industry are the primary source of detailed technical data. Ministry staff geologists prepare reports on mineralized areas, deposits, and mines which may be extracted from this volume.

The data are believed to be reliable as far as the many individual sources and interpretations permit. Entries have been proofread, but do not conform to normal Geological Survey Branch editorial standards for publications.

The 1986 edition of Exploration in British Columbia includes assessment reports submitted up to December 31, 1986. Any assessment reports submitted after this date will appear in the 1987 edition.

ORGANIZATION

The property descriptions that form the body of Part C are presented in two sections: minerals and coal.

The minerals section has been computer sorted. Initially properties are grouped in ascending order of 1:250 000 scale NTS map sheets (for example, 82E) and further subdivided by 1:50 000 east and west half sheets (for example, 82E/2E). The properties are arranged alphabetically within each half map sheet.

The coal property descriptions are grouped by coalfield and assigned a sequential number (C1-C11). The minerals and coal sections have separate indices of property names, operators, and authors with the page number as the location key.

A computer-plotted index map (back pocket) at a scale of 1:2 000 000 shows the location of exploration projects as described in the assessment reports. The map legend relates property names and commodities to each assessment report number. The first digit of the five-digit assessment report number has been omitted on the map (for example, Assessment Report 15151 is shown as 5151 on the map). The coal assessment reports are indicated by sequential item number.

Appreciation is due to Laura deGroot for the timely completion of data input and generation of the index map.

Explanations of the various components of each property description follow:

NAME

Most often the name or names given to a property are those used for the Mineral Inventory--MINFILE. This is often the name by which the property was originally known (for example, Glacier Gulch, Magnum).

If there is no Mineral Inventory name associated with the project described in the assessment report, a claim name is used as the property name.

ASSESSMENT REPORT

The number listed is assigned to the report when it is accepted under the *Mineral Act* and Mineral Act Regulations.

INFORMATION CLASS

The reports are classified on a relative scale as to information value. "Info Class" values range from 1, the highest, to 4, the lowest.

LOCATION

The latitude and longitude given is either the centre of the property or the area where most of the work was done. Mining Division and NTS designations are keyed to the location of the main showing(s) or the majority of the claims. In cases where claims are located on more than one NTS sheet, up to two NTS designations are given.

CLAIMS

Listings may include up to 15 claims on which work has been carried out.

OPERATOR

The individual or the company that completed and paid for the work is listed. A company name may be followed by abbreviations:

ASSOC. (ASSOCIATES or ASSOCIATION)
CAN. (CANADIAN or CANADA)
CONS. (CONSOLIDATED)
CONSTRU. (CONSTRUCTION)
CONSUL. (CONSULTANT)
DEV. (DEVELOPMENT)
ENG. (ENGINEERING)
ENT. [ENTERPRISE(S)]
EX. [EXPLORATION(S)]
IND. (INDUSTRY or INDUSTRIES)
INF. (INFORMATIONAL)
INT. (INTERNATIONAL)
INV. (INVESTMENTS)
FIN. (FINANCIAL)
MANUF. (MANUFACTURING)
MIN. (MINING or MINERALS)
MINES (IN FULL)
PARTN. (PARTNERSHIP)
PETR. (PETROLEUM)
PROS. (PROSPECTING)
RES. (RESOURCES)
SYND. (SYNDICATE)
VENTURES (IN FULL)

CO., LTD., CORP., and INC. are omitted.

AUTHOR

The authorship (up to two persons) of the assessment report that forms the basis of the property description is listed.

COMMODITIES

The listing is derived from the commodities associated with the Mineral Inventory--MINFILE property name. When a claim name is used as a substitute property name, commodities are not listed.

DESCRIPTION

A capsule geological description of the property may include lithology, age, structure, mineralization, and alteration.

WORK DONE

A brief summary of the type and amount of exploration work reported is listed. The following examples illustrate the abbreviations and codes used:

DIAD 355M;3 HOLES,NQ	Surface diamond drilling totalling 355 metres in 3 holes of NQ size
SOIL 250;CU,AG	250 soil samples analysed for copper and silver
(AU)	Some of the samples were analysed for gold
MULTIELEMENT	Samples analysed for more than 6 elements
GEOL/PROS 1:5000	Indicates scale/detail of geological/prospecting mapping
KM	Total linear kilometres

REFERENCES

Only a limited number of references are listed in this volume. These include the current and some previous assessment reports describing work done on or near the claims. Mineral Inventory-MINFILE names and numbers are listed where they occur on the claims worked and described in the report. The following abbreviations may be used in the text:

ANN. RPT.	Annual Report
A.R.	Assessment Report
BCEMPR	British Columbia Ministry of Energy, Mines and Petroleum Resources
BULL.	Bulletin
CIM	Canadian Institute of Mining and Metallurgy
COAL in B.C.	Coal in British Columbia
ECON. GEOL.	Economic Geology
EXPL. IN B.C.	Exploration in British Columbia
GCNL	George Cross Newsletter
GEM	Geology, Exploration and Mining
GEOL. FIELDWORK	Geological Fieldwork
GEOL. IN B.C.	Geology in British Columbia
GSC	Geological Survey of Canada
MEM.	Memoir
M.I.	Mineral Inventory
MIN. IN B.C.	Mining in British Columbia
MMAR	Minister of Mines Annual Report
N.E. COAL STUDY	Northeast Coal Study, Coal Resource Evaluation
PRELIM. MAP	Preliminary Map
PROP. FILE	Property File

WORK TYPE CODES

TYPE OF WORK	CODE
GEOLOGY	
Geological mapping	GEOL
Photo interpretation	FOTO
GEOPHYSICS	
Geophysics, general	GEOP
Dip needle	DIPN
Magnetometer, ground	MAGG
Magnetometer, airborne	MAGA
Electromagnetic, ground	EMGR
Electromagnetic, airborne	EMAB
Induced polarization	IPOL
Self potential	SPOT
Seismic	SEIS
Gravity	GRAV
Resistivity (alone)	REST
Mise-a-la-masse	MALM
Radiometric, ground	RADG
Radiometric, airborne	RADA
Scintillometer, ground	SCGR
Scintillometer, airborne	SCAB
Gamma ray spectrometer, ground	GRSG
Gamma ray spectrometer, airborne	GRSA
Radiometric drill hole probing	RADP
GEOCHEMISTRY	
Soil	SOIL
Stream sediment	SILT
Rock chip	ROCK
Water	HYDG
Biogeochemistry	BIOG
Overburden drilling	OBDR
Heavy minerals	HMIN

TYPE OF WORK	CODE
DRILLING	
Diamond	DIAD
Percussion	PERD
Rotary	ROTD
Becker hammer	BHDR
Overburden, see Geochemistry	
Underground	UNDD
Churn	CHUD
PROSPECTING	PROS
RELATED TECHNICAL	
Sampling and assaying	SAMP
Petrography	PETR
Mineralography	MNGR
Metallurgy	META
PREPARATORY	
Linecutting or grid establishment	LINE
Topographic mapping	TOPO
Underground surveying	USUR
Land surveying	LSUR
PHYSICAL	
Trenching	TREN
Small pits	PITS
Stripping	STRI
Road work	ROAD
Underground development	UNDV
Reclamation	RECL

DETAILED DATA

Detailed property and technical data are described in the assessment reports which are confidential for a period of one year from the date of affidavit. The confidentiality period may be extended up to three years for regional surveys, and up to five years for drill-core assays upon request. All non-confidential assessment reports may be viewed at the Geological Survey Branch in Victoria, Senior Geologist's office in Vancouver, and District Geologists' offices. Locally, partial sets of non-confidential assessment reports on microfiche are also available for viewing at most gold commissioners' offices. Copies of the reports may be obtained from:

Geological Survey Branch
Mineral Resources Division
Ministry of Energy, Mines and
Petroleum Resources
Room 421, 617 Government Street
Victoria, B.C.
V8V 1X4

Telephone: 356-2280

OR

Senior Regional Geologist's Office
Geological Survey Branch
Mineral Resources Division
Ministry of Energy, Mines and
Petroleum Resources
Robson Square, 800 Hornby Street
Vancouver, B.C.
V6Z 2C5

Telehpone: 668-2672

TABLE C1. SUMMARY OF ASSESSMENT WORK, 1986

No. of A.R.	NTS	Geology No. of Surveys	Geophysical		Geochem. No. of Samples	Drilling		Prospecting No. of Surveys	Trenches (m)	Access Roads (km)	Line/ Control Grid (km)	Under- ground (m)
			Air (km)	Ground (km)		Diamond (m)	Rotary, Percussion (m)					
	82	77	2 178	2 351	36 135	19 807	2 226	35	4 984	52	1 495	300
	83	---	---	---	1	212	---	--	---	--	---	--
	92	172	1 146	4 138	81 779	24 502	1 648	55	3 655	57	2 263	--
	93	64	5 056	1 413	42 741	15 033	5 005	17	7 475	38	1 360	--
	94	43	4 171	504	29 474	7 468	---	7	2 965	1	305	--
	103	15	330	236	5 548	1 009	---	6	---	2	146	--
	104	29	200	628	16 605	23 927	2 402	11	2 191	28	284	--
	114	4	---	7	1 275	852	---	--	10	--	8	--
TOTALS												
1011	1986	404	13 082	9 278	213 558	92 811	11 280	131	21 280	178	5 861	300
905	1985	322	12 934	6 777	166 803	74 883	8 376	165	13 030	136	3 753	2 080
957	1984	392	28 583	8 554	192 829	48 750	6 926	130	16 558	220	4 420	10

MINERALS EXPLORATION

INLAND EMPIRE, BERLIN, CASCADE, ALBION NO.2

MINING DIV: TRAIL CREEK ASSESSMENT REPORT 14733 INFO CLASS 3
LOCATION: LAT. 49 11.3 LONG. 118 3.8 NTS: 82E/ 1E
CLAIMS: HIDDEN HAND, PERKY 1-8, HANS FR., NUGGET 1-8, LUCKY 1-5 DEN 1-8, GLENDALE, EMPIRE 1-5, IRON, SAW
OPERATOR: PROMINENT RES.
AUTHOR: CROWE, G. FORBES, J.
COMMODITIES: GOLD, SILVER, LEAD, COPPER, ZINC
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PENNSYLVANIAN-PERMIAN AGE MOUNT ROBERTS FORMATION METASEDIMENTS, JURASSIC AGE ROSSLAND GROUP METAVOLCANICS AND JURASSIC-CRETACEOUS AGE NELSON QUARTZ MONZONITES. NORTH TRENDING QUARTZ VEINS WITH BASE AND PRECIOUS METAL VALUES, ARE THOUGHT TO BE GENETICALLY RELATED TO THE INTRUSION OF EOCENE AGE CORYELL SYENITES INTO THE ABOVE GEOLOGIC ENVIRONMENT.
WORK DONE: GEOL 1:5000
MAGG 5.2 KM
EMGR 5.2 KM;VLF
SOIL 149;MULTIELEMENT
ROCK 83;AU,AG,CU,PB,ZN
REFERENCES: A.R. 2063,8416,13595,14330,14733
M.I. 082ESE083-INLAND EMPIRE;082ESE084-BERLIN;
082ESE085-CASCADE;082ESE086-ALBION NO. 2

NORTHWIND

MINING DIV: TRAIL CREEK ASSESSMENT REPORT 14758 INFO CLASS 4
LOCATION: LAT. 49 13.0 LONG. 118 6.0 NTS: 82E/ 1E
CLAIMS: JOY 1
OPERATOR: REX SILVER MINES
AUTHOR: AUSSANT, C.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE UNDERLYING NELSON GRANITES (CRETACEOUS) AND CORYELL SYENITE (EOCENE) ARE GENERALLY MASSIVE WITH CERTAIN SECTIONS EXHIBITING SHEARING AND MODERATE SILICIFICATION. SULPHIDE MINERALIZATION OCCUR WITHIN QUARTZ-RICH FRACTURES AND SHEARS. THERE ARE ISOLATED REMNANTS OF ANARCHIST GROUP (TRIASSIC) AND MOUNT ROBERTS FORMATION (CARBONACEOUS) VOLCANICS AND SEDIMENTS. OLD WORKINGS ARE ON NORTHEAST TRENDING SHEARS, SILICIFIED AND WEAKLY MINERALIZED WITH PYRITE AND PYRRHOTITE.
WORK DONE: MAGG 4.5 KM

EMGR 4.5 KM;VLF
LINE 4.5 KM
REFERENCES: A.R. 14758
M.I. 082ESE039-NORTHWIND

THREE JACKS, IRON CREEK

MINING DIV: TRAIL CREEK ASSESSMENT REPORT 14757 INFO CLASS 3
LOCATION: LAT. 49 12.0 LONG. 118 2.5 NTS: 82E/ 1E
CLAIMS: JOY 2-4
OPERATOR: REX SILVER MINES
AUTHOR: AUSSANT, C.
COMMODITIES: GOLD, SILVER, LEAD, ZINC, COPPER
DESCRIPTION: THE JOY CLAIMS ARE UNDERLAIN BY GREENSTONES, TUFFS, LIMESTONES, AND ARGILLACEOUS SEDIMENTS OF THE MOUNT ROBERTS FORMATION (CARBONACEOUS), NELSON GRANITES (CRETACEOUS) AND CORYELL SYENITE (EOCENE). SHEARING AND SILICIFICATION WERE NOTED. NUMEROUS OLD WORKINGS EXPOSE QUARTZ VEINING AND SILICIFIED SHEAR ZONES BEARING 140-160 DEGREES. GALENA, PYRITE, CHALCOPYRITE AND SPHALERATE OCCUR IN SHEAR ZONES CUTTING GREENSTONES OF THE MOUNT ROBERTS FORMATION. WEAK SKARN MINERALIZATION IS ALSO PRESENT.
WORK DONE: MAGG 7.5 KM
EMGR 9.3 KM;VLF
LINE 19.4 KM
REFERENCES: A.R. 14757
M.I. 082ESE040-THREE JACKS;082ESE061-IRON CREEK

GLORY, HIT

MINING DIV: GREENWOOD ASSESSMENT REPORT 14683 INFO CLASS 2
LOCATION: LAT. 49 9.5 LONG. 118 25.5 NTS: 82E/ 1W
CLAIMS: GLORY, HIT
OPERATOR: BEVERLY DEV.
AUTHOR: SOOKOCHOFF, L.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PERMIAN AGE ANARCHIST GROUP ROCKS. REGIONAL AND SUBSIDIARY FAULT ZONES TREND NORTHERLY THROUGH THE EASTERN PORTION OF THE GLORY CLAIM. PYRITE, PYRRHOTITE AND CHALCOPYRITE ARE ASSOCIATED WITH DARK GREY CHERT AND QUARTZITE - ALSO GALENA, SPHALERITE AND QUARTZ VEINS WITH SULPHIDES. SILICIFICATION WITH ASSOCIATED PYRITE IS WIDESPREAD. THERE ARE FOURTEEN OLD WORKINGS - SOME OF WHICH REVEAL MINERALIZATION.

WORK DONE:	EMGR 33.0 KM
	SOIL 2291;MULTIELEMENT
REFFRENCES:	A.R. 13292,14683

PAC

MINING DIV:	GREENWOOD ASSESSMENT REPORT 15008 INFO CLASS 4
LOCATION:	LAT. 49 6.7 LONG. 118 30.5 NTS: 82E/ 1W 82E/ 2E
CLAIMS:	PAC 55-56
OPERATOR:	NORANDA EX.
AUTHOR:	KEATING, J. MITCHELL, I.
DESCRIPTION:	TWO ROCK TYPES IDENTIFIED IN TRENCHES WERE A TRIASSIC BROOKLYN FORMATION SHARPSTONE CONGLOMERATE AND A DARK GREY TO BLACK BRECCIA CONTAINING WHITE TO GREEN SILICIOUS CLASTS. GEOCHEMICAL TRENCH SAMPLE RESULTS WERE LOW AND DO NOT EXPLAIN THE HLEM ANOMALIES.
WORK DONE:	GEOL 1:100
	SOIL 30;CU,PB,ZN,AG,AS,AU
	ROCK 24;CU,PB,ZN,AG,AS,AU
	TREN 38.0 M;2 TRENCHES
	PITS 10
REFERENCES:	A.R. 15008

PATHFINDER, LITTLE BERTHA, JUDITTA

MINING DIV:	GREENWOOD ASSESSMENT REPORT 14208 INFO CLASS 3
LOCATION:	LAT. 49 12.0 LONG. 118 25.0 NTS: 82E/ 1W
CLAIMS:	PATHFINDER
OPERATOR:	CONS. BOUNDARY EX.
AUTHOR:	SOOKOCHOOF, L.
COMMODITIES:	GOLD, SILVER, COPPER, LEAD
DESCRIPTION:	THE CLAIMS ARE UNDERLAIN BY PERMIAN AGE ANARCHIST GROUP EUGEOSYNCLINAL ROCKS WHICH ARE INTRUDED BY CRETACEOUS AGE NELSON GRANODIORITES AND TERTIARY AGE CORYELL ALKALI VOLCANICS. MINERALIZATION OCCURS AS MASSIVE SULPHIDE LENSES AT 050 DEGREES WITH A DIP OF 40 DEGREES WEST AND AS SKARN ZONES WITHIN THE ANARCHIST ROCKS ASSOCIATED WITH THE LATER INTRUSIVE EVENTS.
WORK DONE:	DIAD 921.0 M;13 HOLES,BQ
	SAMP 98;CU,AG,AU
REFERENCES:	A.R. 8945,12123,14208
	M.I. 082ESE074-LITTLE BERTHA,082ESE075-PATHFINDER,082ESE080-JUDITTA

ALKI

MINING DIV: GREENWOOD ASSESSMENT REPORT 15092 INFO CLASS 3
LOCATION: LAT. 49 1.5 LONG. 118 40.0 NTS: 82E/ 2E
CLAIMS: ALKI
OPERATOR: NORANDA EX.
AUTHOR: KEATING, J.
DESCRIPTION: PERMO-CARBONIFEROUS INTERBEDDED ARGILLITE, QUARTZITE AND ANDESITES ARE INTRUDED BY A HYPABYSSAL TERTIARY (?) QUARTZ-FELDSPAR-PORPHYRY WHICH HAS BEEN INTRUDED BY NORTHEAST STRIKING TERTIARY DIORITE DYKES. SOIL GEOCHEMISTRY DELINEATED A NORTHEAST TRENDING COPPER ANOMALY AND A NORTHWEST TRENDING COPPER ANOMALY. THE FORMER ANOMALY IS PROBABLY ASSOCIATED WITH THE DIORITE DYKES.
WORK DONE: GEOL 1:2500
SOIL 331;MULTIELEMENT
LINE 17.5 KM
REFERENCES: A.R. 12924,13913,13932,15092

BEE

MINING DIV: GREENWOOD ASSESSMENT REPORT 14437 INFO CLASS 3
LOCATION: LAT. 49 7.0 LONG. 118 39.0 NTS: 82E/ 2E
CLAIMS: BEE, BEE 2
OPERATOR: LANGDALE RES.
AUTHOR: SOOKOCHOFF, L.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY THE PERMIAN AGE KNOB HILL GROUP CONSISTING OF META-CHERT AND GREENSTONE WITH MINOR BANDS OF QUARTZITE, MARBLE AND AMPHIBOLITE THAT ARE IN FAULT CONTACT WITH THE MORE METAMORPHOSED ATWOOD GROUP TO THE NORTH. TRIASSIC AGE MICRODIORITE AND CRETACEOUS AGE GRANODIORITE INTRUSIVES ALSO OCCUR TO THE NORTH. A TIGHT FOLD WITH AXIS TRENDING NORTH TO NORTHEAST IS EVIDENT. MODERATELY ANOMALOUS SOIL VALUES OCCUR WITH POSSIBLE VLF-ELECTROMAGNETIC CONDUCTORS.
WORK DONE: MAGG 18.0 KM
EMGR 18.0 KM;VLF
SOIL 716;MULTIELEMENT
ROCK 26;MULTIELEMENT
TOPO 1:4000
LINE 18.0 KM
REFERENCES: A.R. 181,14437

BULLER, HOPE

MINING DIV: GREENWOOD ASSESSMENT REPORT 15080 INFO CLASS 3
LOCATION: LAT. 49 3.0 LONG. 118 31.5 NTS: 82E/ 2E
CLAIMS: EAGLE, RB 5, HOMESTAKE FR., MYRTLE FR., ALPHA CONNECTION, THE LAYOVER
OPERATOR: NORANDA EX.
AUTHOR: BRADISH, L.
COMMODITIES: GOLD, ZINC, SILVER, COPPER
DESCRIPTION: NO ROCK EXPOSURES WERE OBSERVED ON THE PROPERTY. GREENSTONES AND LIMESTONES (TRIASSIC BROOKLYN FORMATION) ARE MAPPED NORTH OF THE GRID AND APPEAR TO STRIKE ONTO THE PROPERTY. THE INDUCED POLARIZATION AND MAGNETOMETER GEOPHYSICAL SURVEYS REVEALED TWO CONDUCTIVE ZONES ON THE PROPERTY.
WORK DONE: MAGG 6.4 KM
IPOL 5.3 KM
REFERENCES: A.R. 1889,2435,2768,15080
M.I. 082ESE131-BULLER;082ESE184-HOPE

CROWN

MINING DIV: GREENWOOD ASSESSMENT REPORT 14641 INFO CLASS 3
LOCATION: LAT. 49 5.0 LONG. 118 34.0 NTS: 82E/ 2E
CLAIMS: CROWN 8
OPERATOR: CONS. BOUNDARY EX.
AUTHOR: SOOKOCHOFF, L.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY CARBONIFEROUS AGE ANDESITE AND LATITE WITH MAFIC AND DIORITIC PLUGS. STRUCTURES TREND NORTHWESTERLY AND NORTHERLY. THE VOLCANICS SHOW VARIABLE PROPYLITIC ALTERATION AND ARGILLIC ALTERATION IS SHOWN BY THE DIORITE. MASSIVE SULPHIDE ZONES AND PYRITIC CHERT ZONES INCLUDE ASSOCIATED GOLD VALUES.
WORK DONE: DIAD 412.0 M;5 HOLES,BQ
SAMP 67;AU
REFERENCES: A.R. 14641

ELK

MINING DIV: GREENWOOD ASSESSMENT REPORT 14350 INFO CLASS 4
LOCATION: LAT. 49 12.0 LONG. 118 30.5 NTS: 82E/ 2E
CLAIMS: ELK 5
OPERATOR: BIG I DEV.
AUTHOR: MCLEOD, J.
DESCRIPTION: PERMIAN ANARCHIST GROUP VOLCANICS AND SEDIMENTS INTRUDED BY CRETACEOUS AND TERTIARY PLUTONIC ROCKS

OF VARYING COMPOSITIONS ARE OVERLAIN BY PALEOCENE AND EOCENE SEDIMENTS AND VOLCANICS. MINOR FAULTING AND FRACTURING IS EVIDENT IN THE CLAIM AREA. VERY MINOR QUARTZ, EPIDOTE, CHLORITE AND CALCITE ALTERATION WAS OBSERVED IN SEVERAL OUTCROPS. ONLY IRON SULPHIDES OCCUR ON THE PROPERTY.

WORK DONE: SOIL 13;MULTIELEMENT
ROCK 15;MULTIELEMENT
PROS 1:6000
LINE 1.0 KM
REFERENCES: A.R. 13696,14350

MUNDY

MINING DIV: GREENWOOD ASSESSMENT REPORT 15308 INFO CLASS 4
LOCATION: LAT. 49 11.1 LONG. 118 41.1 NTS: 82E/ 2E
CLAIMS: MUNDY, HAMILTON
OPERATOR: NAHIRNY, T.
AUTHOR: KNOX, J. NAHIRNY, T.
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY VOLCANICS AND SEDIMENTS. SOIL AND ROCK CHIP GEOCHEMISTRY RETURNED LOW RESULTS.
WORK DONE: SOIL 20;CU,AG,AU
ROCK 11;AU,PT,AG
PROS 1:5000
ROAD 2.0 KM
TREN 10.0 M;2 TRENCHES
PITS 5
REFERENCES: A.R. 13135,15308

PAC

MINING DIV: GREENWOOD ASSESSMENT REPORT 15058 INFO CLASS 3
LOCATION: LAT. 49 6.1 LONG. 118 33.4 NTS: 82E/ 2E
CLAIMS: PAC 9 FR., PAC 10, PAC 33, PAC 35
OPERATOR: NORANDA EX.
AUTHOR: KEATING, J.
DESCRIPTION: THE VIBRATORY DRILL PROGRAM TESTED THE GOLD POTENTIAL OF THE PHOENIX MINE TAILINGS. DRILL RESULTS INDICATE THAT THE POND AREA CONSISTS OF AN INITIAL 1.5 TO 4.6 METRE HORIZON OF DRY COMPACTED FINE MATERIAL GRADING INTO A WET CLAY LIKE SUBSTANCE. GOLD AVERAGES 304 PPB OVER 191.7 METRES OF DRILLING.
WORK DONE: PERD 191.72 M;18 HOLES,NQ
SAMP 137;CU,AG,ZN,AU,PB
REFERENCES: A.R. 15058

TOP

MINING DIV: GREENWOOD ASSESSMENT REPORT 14875 INFO CLASS 3
LOCATION: LAT. 49 7.0 LONG. 118 43.0 NTS: 82E/ 2E
CLAIMS: RIDGE 1
OPERATOR: REX SILVER MINES
AUTHOR: EVANS, D. KONKIN, K.
COMMODITIES: GOLD, SILVER, COPPER, ZINC
DESCRIPTION: THE AREA OF DRILLING IS UNDERLAIN BY THE KNOB HILL GROUP BRECCIATED AND CHERTY SILICEOUS VOLCANICS OF PERMIAN AGE. SULPHIDE MINERALIZATION INCLUDES MASSIVE PYRITE, SPHALERITE, ARSENOPYRITE AND MINOR PYRRHOTITE WITH PRECIOUS METAL VALUES (UP TO 17,240 PPB GOLD AND 134 PPM SILVER).
WORK DONE: DIAD 397.4 M;6 HOLES,BQ
PERD 376.4 M;5 HOLES,CSR
SAMP 375;MULTIELEMENT
REFERENCES: A.R. 1784,3482,4234,12364,14875
M.I. 082ESE181-TOP

CASSEL

MINING DIV: GREENWOOD ASSESSMENT REPORT 14181 INFO CLASS 3
LOCATION: LAT. 49 0.0 LONG. 119 0.0 NTS: 82E/ 2W 82E/ 3E
CLAIMS: CASSEL 2
OPERATOR: GRAND NATIONAL RES.
AUTHOR: KREGOSKY, R.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY TRIASSIC AGE METASEDIMENTARY AND METAVOLCANIC ROCKS OF THE ANARCHIST GROUP WHICH ARE INTRUDED BY GRANITIC ROCKS OF THE CRETACEOUS NELSON BATHOLITH. PRECIOUS METAL MINERALIZATION IS SUSPECTED IN EPITHERMAL VEINS CUTTING THE ANARCHIST AND THE NELSON TYPE ROCKS.
WORK DONE: SOIL 123;AG,AU
REFERENCES: A.R. 11974,13481,14181

BOOMERANG (L.2282)

MINING DIV: GREENWOOD ASSESSMENT REPORT 15191 INFO CLASS 4
LOCATION: LAT. 49 15.1 LONG. 119 0.9 NTS: 82E/ 3E 82E/ 6E
CLAIMS: BOOMERANG, W.S., EAGLE FR., B.C., ICONOCLAST
OPERATOR: VISSER, J.
AUTHOR: VISSER, S.
COMMODITIES: SILVER, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LOWER CRETACEOUS GRANODIORITE OF THE NELSON INTRUSIONS. GOLD AND

SILVER MINERALIZATION OCCURS IN QUARTZ VEINS WITHIN THE GRANODIORITE. GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: MAGG 6.1 KM
SPOT 3.1 KM
REFERENCES: A.R. 5621,6286,8211,15191
M.I. 082ESW063-BOOMERANG (L.2282)

D.W.S.

MINING DIV: GREENWOOD ASSESSMENT REPORT 15027 INFO CLASS 4
LOCATION: LAT. 49 4.8 LONG. 119 0.4 NTS: 82E/ 3E
CLAIMS: D.W.S. 2
OPERATOR: DAVIES, D.
AUTHOR: DAVIES, D.
DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY PERMIAN ANARCHIST GROUP GABBRO AND DIORITE. SOIL AND ROCK SAMPLES RETURNED LOW GOLD AND PLATINUM VALUES.
WORK DONE: SOIL 21;PT
ROCK 14;AU,PT,CR
REFERENCES: A.R. 8791,9737,10913,12381,14333,15027

GRANITE

MINING DIV: GREENWOOD ASSESSMENT REPORT 14609 INFO CLASS 4
LOCATION: LAT. 49 6.5 LONG. 119 13.0 NTS: 82E/ 3E
CLAIMS: GRANITE
OPERATOR: DUPRAS, A.
AUTHOR: DUPRAS, A.
DESCRIPTION: ANOMALOUS VALUES OF GOLD, SILVER AND COPPER OCCUR IN A VEIN SYSTEM HOSTED BY GRANODIORITE.
WORK DONE: ROCK 4;AU,AG,CU
PROS 1:5000
REFERENCES: A.R. 14609

KETTLE

MINING DIV: GREENWOOD ASSESSMENT REPORT 14404 INFO CLASS 4
LOCATION: LAT. 49 13.0 LONG. 119 4.0 NTS: 82E/ 3E
CLAIMS: KETTLE 1-2
OPERATOR: STEWART, R.
AUTHOR: MARK, D.
DESCRIPTION: THE PROPERTY IS UNDERLAIN MOSTLY BY VALHALLA (CRETACEOUS) INTRUSIVES. THE EASTERN PART IS UNDERLAIN BY NELSON (CRETACEOUS) INTRUSIVES AND

THE SOUTHWEST BY AN ASSEMBLAGE OF SEDIMENTARY AND VOLCANIC ROCKS OF THE ANARCHIST GROUP (PERMIAN AND/OR TRIASSIC) OVERLAIN BY YOUNG VOLCANICS OF THE MARRON FORMATION (CENOZOIC). SEVERAL VLF-ELECTROMAGNETIC CONDUCTORS AND MAGNETIC ANOMALIES WERE OUTLINED FROM THE GEOPHYSICAL SURVEY.

WORK DONE: MAGA 63.0 KM
EMAB 63.0 KM;VLF
REFERENCES: A.R. 14404

KETTLE

MINING DIV: GREENWOOD ASSESSMENT REPORT 15103 INFO CLASS 4
LOCATION: LAT. 49 13.0 LONG. 119 2.0 NTS: 82E/ 3E
CLAIMS: KETTLE 1-2
OPERATOR: LAFONTAINE, P.
AUTHOR: MCKNIGHT, R.
DESCRIPTION: TERTIARY ROCKS OF THE MARRON AND KETTLE RIVER FORMATIONS OVERLIE TRIASSIC PENNSYLVANIAN EUGEOSYNCLINAL ROCKS OF THE ANARCHIST GROUP WHICH ARE INTRUDED BY CRETACEOUS NELSON AND VALHALLA ROCKS. POTENTIAL MINERALIZATION WITHIN THE ANARCHIST SERIES IS THE TARGET FOR EXPLORATION.
WORK DONE: SOIL 22;MULTIELEMENT
ROCK 10;MULTIELEMENT
REFERENCES: A.R. 14404,15103

OLD NICK

MINING DIV: GREENWOOD ASSESSMENT REPORT 14863 INFO CLASS 3
LOCATION: LAT. 49 2.5 LONG. 119 6.4 NTS: 82E/ 3E
CLAIMS: MISSION 1
OPERATOR: NICKLING RES.
AUTHOR: TIMMINS, W. KRAUSE, R.
COMMODITIES: NICKEL
DESCRIPTION: THE CLAIM IS UNDERLAIN BY METASEDIMENTS AND VOLCANICS OF THE PERMIAN-TRIASSIC AGE ANARCHIST GROUP. ULTRAMAFIC DYKES AND SILLS INTRUDE THE SEDIMENTS. MINERALIZATION CONSISTS OF PENTLANDITE IN PYRRHOTITE AND PYRITE LENSES AND OCCURS IN UNIFORM ZONES WITHIN A PYROMETASOMATIC QUARTZITE. GEOPHYSICAL SURVEY RESULTS WERE INCONCLUSIVE.
WORK DONE: MAGG 18.0 KM
EMGR 18.0 KM;VLF

REFERENCES: A.R. 1243,3677,8087,8390,9296,10547,13412, 13803,14863
M.I. 082ESW055-OLD NICK

RICE

MINING DIV: GREENWOOD ASSESSMENT REPORT 14514 INFO CLASS 3
LOCATION: LAT. 49 4.4 LONG. 119 8.4 NTS: 82E/ 3E
CLAIMS: RICE 3
OPERATOR: REX SILVER MINES
AUTHOR: AUSSANT, C.
DESCRIPTION: THE PROPERTY IS UNDERLAIN PRIMARILY BY GREENSTONES, TUFFS, LIMESTONES, QUARTZITE AND ARGILLACEOUS SEDIMENTS OF THE TRIASSIC AGE ANARCHIST GROUP WHICH ARE INTRUDED BY CRETACEOUS AGE NELSON GRANITES. THE GREENSTONES ARE CHLORITE ALTERED AND CARBONATE RICH ADJACENT TO INTRUSIVE CONTACTS. SEVERAL VLF-ELECTROMAGNETIC CONDUCTORS WERE OUTLINED BUT THE MAGNETIC SURVEY RESULTS WERE INCONCLUSIVE.
WORK DONE: MAGG 12.2 KM
EMGR 12.2 KM;VLF
LINE 12.2 KM
REFERENCES: A.R. 9489,14514

ROCK

MINING DIV: GREENWOOD ASSESSMENT REPORT 15163 INFO CLASS 4
LOCATION: LAT. 49 1.8 LONG. 119 5.2 NTS: 82E/ 3E
CLAIMS: ROCK 3-4, ROCK 6-11
OPERATOR: WIRTH, S.
AUTHOR: HOPPER, D.
DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY ULTRAMAFIC ROCKS. SOIL AND ROCK SAMPLE RESULTS ARE INCONCLUSIVE.
WORK DONE: SOIL 40;NI,AU,AG
ROCK 7;NI,AU,AG
PROS 1:500
LINE 3.5 KM
REFERENCES: A.R. 15163

SLAMET

MINING DIV: GREENWOOD ASSESSMENT REPORT 15005 INFO CLASS 4
LOCATION: LAT. 49 7.2 LONG. 119 11.7 NTS: 82E/ 3E
CLAIMS: SLAMET
OPERATOR: PETO, P.
AUTHOR: PETO, P.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY QUARTZITES AND GREENSTONES OF THE PERMIAN ANARCHIST GROUP. THE UNITS STRIKE EASTERLY WITH STEEP DIPS TO THE NORTH AND ARE CUT BY NARROW QUARTZ VEINS.
WORK DONE: PROS 1:2500
REFERENCES: A.R. 15005

VICTORIA-OLD ENGLAND

MINING DIV: GREENWOOD ASSESSMENT REPORT 15256 INFO CLASS 4
LOCATION: LAT. 49 6.7 LONG. 119 8.0 NTS: 82E/ 3E
CLAIMS: OLD ENGLAND
OPERATOR: HOOK, A.
AUTHOR: WILMOT, A.
COMMODITIES: GOLD
DESCRIPTION: DRILLING INTERSECTED A QUARTZ VEIN AND A SPARSELY MINERALIZED SHEAR CUTTING GREENSTONE. THE QUARTZ VEIN STRIKES NORTH-NORTHWEST, DIPS 60 DEGREES EASTERLY AND ONE SAMPLE ASSAYED 3.77 GRAMMES OF GOLD PER TONNE.
WORK DONE: DIAD 62.8 M;2 HOLES,AQ
SAMP 2;AU,AG
REFERENCES: A.R. 7636,9498,15256
M.I. 082ESW021-VICTORIA-OLD ENGLAND

ROHNE FR. (L.2676), CHUKAR, MOLKA (L.2675)

MINING DIV: OSOYOOS ASSESSMENT REPORT 14877 INFO CLASS 2
LOCATION: LAT. 49 0.3 LONG. 119 29.1 NTS: 82E/ 3W 82E/ 4E
CLAIMS: BERTHA FR., BLUE BELL, WHISTLER, ROHLME FR., MOLKA LAKEVIEW, KRUGER MOUNTAIN, GOLD HILL, DIVIDEND 2
OPERATOR: MAKUS RES.
AUTHOR: DISPIRITO, F. KROHMAN, D.
DESCRIPTION: CONFIDENTIAL STATUS

(Will be published in Exploration in British Columbia 1987.)

HILL

MINING DIV: OSOYOOS ASSESSMENT REPORT 15078 INFO CLASS 2
LOCATION: LAT. 49 15.9 LONG. 119 41.1 NTS: 82E/ 4E 82E/ 5E
CLAIMS: MO, KING, KING 1-4
OPERATOR: GRANDEX RES.
AUTHOR: CHRISTOPHER, P.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE OLDEST ROCKS UNDERLYING THE PROPERTY ARE CARBONIFEROUS AND TRIASSIC QUARTZITES. GRANITIC BODIES OF NELSON AND VALHALLA PLUTONIC ROCKS INTRUDE THE SEDIMENTS. QUARTZ VEINS WITH SIGNIFICANT GOLD VALUES OCCUR ON THE PROPERTY.
WORK DONE:

MAGG	41.0 KM
EMGR	19.0 KM;VLF
SOIL	1018;AU
SILT	19;AU,AG,PB,CU
ROCK	33;AU
ROCK	2;AU,AG
LINE	44.0 KM
ROAD	4.5 KM;REHAB
TREN	115.0 M;4 TRENCHES

REFERENCES: A.R. 4604,9933,11480,12705,13576,15078
M.I. 82ESW113-HILL

MO

MINING DIV: OSOYOOS ASSESSMENT REPORT 14480 INFO CLASS 4
LOCATION: LAT. 49 0.8 LONG. 119 40.5 NTS: 82E/ 4E
CLAIMS: MO 3-4
OPERATOR: ASCENT RES.
AUTHOR: CROOKER, G.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY JURASSIC-CRETACEOUS AGE GRANODIORITES. TWO NARROW QUARTZ VEINS OCCUR WITH GALENA, CHALCOPYRITE, AZURITE, MALACHITE

AND PYRITE. ISOLATED ANOMALOUS SOIL VALUES OCCUR.
WORK DONE: SOIL 40;PB,AG
LINE 0.7 KM
REFERENCES: A.R. 13652,14480

QUILT, CANEX

MINING DIV: OSOYOOS ASSESSMENT REPORT 14352 INFO CLASS 4
LOCATION: LAT. 49 0.5 LONG. 119 33.0 NTS: 82E/ 4E
CLAIMS: QUILT, CANEX 1-8
OPERATOR: SOUTHERN INTERIOR
AUTHOR: MCKNIGHT, R.
DESCRIPTION: THE QUILT CLAIM IS UNDERLAIN BY ALKALINE SYENITIC ROCKS OF THE KRUGER PHASE OF THE OKANAGAN BATHOLITH COMPLEX. SOME NARROW QUARTZ VEINS OCCUR. THE CANEX CLAIMS ARE UNDERLAIN BY KOBAU GROUP ROCKS CONSISTING OF QUARTZITES AND GREENSTONES.
WORK DONE: SOIL 29;MULTIELEMENT
REFERENCES: A.R. 1159,1183,11295,14352

STX, FUTURA

MINING DIV: OSOYOOS ASSESSMENT REPORT 14741 INFO CLASS 4
LOCATION: LAT. 49 1.7 LONG. 119 34.4 NTS: 82E/ 4E
CLAIMS: STX, FUTURA
OPERATOR: STEWART, R.
AUTHOR: MCKNIGHT, R.
DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY ALKALINE SYENITIC ROCKS OF THE KRUGER PHASE OF THE OKANAGAN BATHOLITH COMPLEX AND KOBAU GROUP METAMORPHIC ROCKS. SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: MAGG 13.0 KM
SOIL 12;MULTIELEMENT
REFERENCES: A.R. 14741

TORRES

MINING DIV: OSOYOOS ASSESSMENT REPORT 14843 INFO CLASS 3
LOCATION: LAT. 49 13.0 LONG. 119 40.5 NTS: 82E/ 4E
CLAIMS: JOKER ONE
OPERATOR: SIMPLON RES.
AUTHOR: WEYMARK, W.
COMMODITIES: GOLD, SILVER, COPPER, ZINC, LEAD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY DIORITES OF THE

CRETACEOUS AGE NELSON BATHOLITH. MINERALIZATION IS LOCALIZED IN A SERIES OF QUARTZ VEINS WITHIN SILICIFIED SHEAR AND ALTERED ZONES. THE VEINS STRIKE EAST-WEST WITH NORTHERLY DIPS AND CONTAIN PYRITE, GALENA, CHALCOPYRITE AND SPHALERITE. GOLD AND SILVER VALUES ALSO OCCUR. THE DRILL PROGRAM INTERSECTED SEVERAL NARROW QUARTZ VEINLETS WITH LOW GOLD AND SILVER VALUES.

WORK DONE: ROCK 6;AU,AG
DIAD 308.8 M;5 HOLES,BQ
SAMP 103;AU,AG
UNDV 300.0 M;REHAB ADIT
REFERENCES: A.R. 4383,4637,6797,14843
M.I. 082ESW108-TORRES

DALY

MINING DIV: OSOYOOS ASSESSMENT REPORT 14205 INFO CLASS 4
LOCATION: LAT. 49 14.0 LONG. 119 48.0 NTS: 82E/ 4W
CLAIMS: DALY
OPERATOR: GRAND NATIONAL RES.
AUTHOR: KREGOSKY, R.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY CHERTS, TUFFS, GREENSTONES AND MINOR LIMY HORIZONS OF THE TRIASSIC AGE SHOEMAKER FORMATION, WHICH IS INTRUDED BY DIORITIC ROCKS OF THE NELSON BATHOLITH OF CRETACEOUS AGE. MINERALIZATION CONSISTS PRIMARILY OF ARSENOPYRITE WITH ASSOCIATED GOLD VALUES OCCURRING IN LOCALIZED FRACTURE SETS IN THE ALTERED CHERTS AND LIMY HORIZONS.
WORK DONE: EMGR 5.6 KM;VLF
REFERENCES: A.R. 12516,14205

DALY

MINING DIV: OSOYOOS ASSESSMENT REPORT 14759 INFO CLASS 4
LOCATION: LAT. 49 14.0 LONG. 119 48.0 NTS: 82E/ 4W
CLAIMS: DALY, DALY 1
OPERATOR: GRAND NATIONAL RES.
AUTHOR: KREGOSKY, R.
DESCRIPTION: THE DALY CLAIMS ARE UNDERLAIN BY TRIASSIC AGE METASEDIMENTARY AND METAVOLCANIC ROCKS OF THE SHOEMAKER FORMATION, WHICH ARE LOCALLY INTRUDED BY DIORITES BELONGING TO THE CRETACEOUS AGE NELSON BATHOLITH. ANOMALOUS PRECIOUS METAL VALUES OCCUR IN LIMY CHERTS AND ARGILLITES OF THE SHOEMAKER

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              FORMATION.
WORK DONE:    EMGR    5.4 KM;VLF
              SOIL    68;MULTIELEMENT
REFERENCES:   A.R. 14205,14759
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JUNIPER

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MINING DIV:   OSOYOOS          ASSESSMENT REPORT 14767  INFO CLASS 4
LOCATION:     LAT.  49 14.5 LONG.  119 49.0   NTS:  82E/ 4W
CLAIMS:       JUNIPER BELL
OPERATOR:     CROOKER, G.
AUTHOR:       CROOKER, G.
COMMODITIES:  GOLD, SILVER, COPPER
DESCRIPTION:  SEDIMENTS OF THE TRIASSIC SHOEMAKER FORMATION
              ARE INTRUDED BY JURASSIC MAFIC-TO-ALKALIC ROCKS
              OF THE OLALLA STOCK. METASOMATIC DEPOSITS HAVE
              FORMED ALONG THE CONTACT OF THE SEDIMENTS AND
              GOLD, SILVER AND COPPER VALUES OCCUR WITHIN THE
              DEPOSITS.
WORK DONE:    GEOL    1:2500,1:100
              SAMP    16;AU,AG
              LINE    1.3 KM
REFERENCES:   A.R. 12088,14767
              M.I. 082ESW170-JUNIPER
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DUSTY MAC

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MINING DIV:   OSOYOOS          ASSESSMENT REPORT 14357  INFO CLASS 3
LOCATION:     LAT.  49 21.0 LONG.  119 33.5   NTS:  82E/ 5E
CLAIMS:       PROD. LEASE P-3
OPERATOR:     ESSO RES. CAN.
AUTHOR:       MELNYK, W.
COMMODITIES:  GOLD, SILVER
DESCRIPTION:  THE DUSTY MAC ORE-BODY CONSISTED OF A MINERAL-
              IZED QUARTZ BRECCIA LENS MEASURING 200 X 50 X 9
              METRES ORIENTED NORTHWEST-SOUTHEAST AND DIPPING
              GENTLY NORTHEAST. THE LENS IS HOSTED BY EOCENE
              PORPHYRITIC FELDSPATHIC ANDESITIC FLOWS AND
              LAHARS. THE ORE-BODY WAS MINED IN 1975-76 AND
              CONSISTED OF 93,653 TONNES GRADING 6.89 GRAMMES/
              TONNE GOLD AND 146.59 GRAMMES/TONNE SILVER. WIDE-
              SPREAD PROPYLITIC AND LOCAL INTENSE SERICITE
              ALTERATION DEFINE DUSTY MAC MINERALIZATION.
              PRESENT DRILLING INTERSECTED ROCKS OF THE WHITE
              LAKE AND MARINA FORMATIONS. CORE ASSAY RESULTS
              WERE SLIGHTLY ABOVE BACKGROUND VALUES.
WORK DONE:    DIAD    400.5 M;2 HOLES,NQ
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SAMP 30;AU,AG
REFERENCES: A.R. 13823,14357
M.I. 082ESW078-DUSTY MAC
BULL. 61, P. 120

24K

MINING DIV: OSOYOOS ASSESSMENT REPORT 15222 INFO CLASS 3
LOCATION: LAT. 49 19.1 LONG. 119 55.0 NTS: 82E/ 5W
CLAIMS: 24K
OPERATOR: SCHRAM, L.
AUTHOR: KREGOSKY, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY TRIASSIC METASEDIMENTS AND METAVOLCANICS BELONGING TO THE OLD TOM, SHOEMAKER AND INDEPENDENCE FORMATIONS WHICH HAVE BEEN INTRUDED BY THE CRETACEOUS NELSON BATHOLITH. PRECIOUS METAL MINERALIZATION IS MAINLY ASSOCIATED WITH PYRITE AND ARSENOPYRITE AND OCCURS IN SHEARED METASEDIMENTS OR AT INTRUSIVE CONTACTS. SOIL GEOCHEMISTRY RETURNED ANOMALOUS MULTIELEMENT VALUES.
WORK DONE: EMGR 7.8 KM;VLF
SOIL 130;MULTIELEMENT
REFERENCES: A.R. 14530,15222

BLACK PINE, BUSH RAT

MINING DIV: OSOYOOS ASSESSMENT REPORT 14651 INFO CLASS 3
LOCATION: LAT. 49 18.0 LONG. 119 56.0 NTS: 82E/ 5W
CLAIMS: OLD DIGGINGS, BLUE BELL, TRIUNE, HUB FR., FAR WEST LITTLE BESSIE, BLACK JACK, BUSH RAT, BLACK PINE
OPERATOR: TOBY CREEK RES.
AUTHOR: DISPIRITO, F. HULME, N.
DESCRIPTION: TRIASSIC OR OLDER SEDIMENTS AND VOLCANICS ARE INTRUDED BY DIORITE AND INTERMEDIATE COMPOSITION DYKES. A 420 METRE NORTHEASTERLY TRENDING SHEAR ZONE CONTAINS GOLD-BEARING ARSENOPYRITE AND A SMALL AMOUNT OF GALENA AND SPHALERITE. NUMEROUS NORTH TRENDING QUARTZ VEINS ON THE BLACK PINE CLAIM CONTAIN ABUNDANT GOLD-BEARING ARSENOPYRITE, PYRRHOTITE, PYRITE AND, IN SOME CASES, FREE GOLD. FOUR ADITS ARE PRESENT ON THE PROPERTY.
WORK DONE: GEOL 1:2500
MAGG 72.6 KM
EMGR 45.0 KM;HLEM
SOIL 456;MULTIELEMENT

ROCK 55;MULTIELEMENT
SAMP 15;AU,AG
LINE 48.0 KM
TREN 170.0 M;10 TRENCHES
REFERENCES: A.R. 7429,14059,14651

CAHILL

MINING DIV: OSOYOOS ASSESSMENT REPORT 14969 INFO CLASS 4
LOCATION: LAT. 49 22.1 LONG. 120 0.5 NTS: 82E/ 5W 92H/ 8E
CLAIMS: CAHILL 1-2
OPERATOR: CONS. SEA GOLD
AUTHOR: PETO, P.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP METASEDIMENTS AND METAVOLCANICS INTRUDED BY DIORITE AND GRANODIORITE DYKES.
WORK DONE: GEOL 1:2500
ROCK 12;MULTIELEMENT
LINE 28.0 KM
REFERENCES: A.R. 14969

DIEF

MINING DIV: OSOYOOS ASSESSMENT REPORT 14455 INFO CLASS 3
LOCATION: LAT. 49 16.6 LONG. 119 52.7 NTS: 82E/ 5W
CLAIMS: OL 2-3
OPERATOR: LACANA MIN.
AUTHOR: JOHNSON, D.
COMMODITIES: MANGANESE, RHODONITE, JASPER
DESCRIPTION: A THICK JASPER UNIT WITH IRREGULAR RHODONITE VEINS OCCUR IN PERMIAN AGE MANGANIFEROUS CHERTS. THE GEOCHEMICAL SURVEY DID NOT IDENTIFY ANY POTENTIAL GOLD SOIL TARGETS BUT A DISTINCTIVE MANGANESE SIGNATURE EXISTS.
WORK DONE: SOIL 190;MULTIELEMENT
REFERENCES: A.R. 14455
M.I. 082ESW017-DIEF

EVEREST, WIZ

MINING DIV: OSOYOOS ASSESSMENT REPORT 15179 INFO CLASS 3
LOCATION: LAT. 49 24.5 LONG. 119 56.0 NTS: 82E/ 5W
CLAIMS: EVEREST, WIZ
OPERATOR: PLACER DEV.
AUTHOR: CANNON, R. TENNANT, S.

DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP SEDIMENTARY AND VOLCANIC ROCKS WHICH HAVE BEEN INTRUDED BY IGNEOUS ROCKS OF MESOZOIC AND EARLY TERTIARY AGES. ANOMALOUS RESULTS WERE OBTAINED FROM THE GEOPHYSICAL SURVEYS.
WORK DONE: MAGG 9.2 KM
EMGR 9.2 KM;VLF
SOIL 117;AU,AG,AS,CU
REFERENCES: A.R. 15179

FUJI

MINING DIV: OSOYOOS ASSESSMENT REPORT 14893 INFO CLASS 3
LOCATION: LAT. 49 25.2 LONG. 119 51.0 NTS: 82E/ 5W
CLAIMS: FUJI
OPERATOR: SILVER SEABRIGHT
AUTHOR: DISPIRITO, F. LYONS, K.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY FELSIC ROCKS OF THE CRETACEOUS AGE NELSON INTRUSIONS IN CONTACT WITH INTERCALATED SEDIMENTS AND VOLCANICS OF TRIASSIC AGE. GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: MAGG 10.0 KM
EMGR 10.0 KM;VLF
LINE 10.0 KM
REFERENCES: A.R. 14893

GOLD

MINING DIV: OSOYOOS ASSESSMENT REPORT 15072 INFO CLASS 3
LOCATION: LAT. 49 26.1 LONG. 119 59.5 NTS: 82E/ 5W
CLAIMS: BC FR., GOLD 1, GOLDEN ZONE FR., NICKEL
OPERATOR: STEWART, R.
AUTHOR: MCKNIGHT, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY GRANITIC ROCKS OF THE OKANAGAN BATHOLITH. GEOCHEMICAL AND GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: MAGG 2.4 KM
EMGR 8.0 KM;VLF
SOIL 80;MULTIELEMENT
ROCK 13;MULTIELEMENT
PETR 3 THIN SECTIONS
REFERENCES: A.R. 14283,15072

KOZIUSCO, MCKINLEY

MINING DIV: OSOYOOS ASSESSMENT REPORT 14743 INFO CLASS 2
LOCATION: LAT. 49 24.5 LONG. 119 53.0 NTS: 82E/ 5W
CLAIMS: APEX, KOZIUSCO, MCKINLEY
OPERATOR: SIEMONT RES.
AUTHOR: DISPIRITO, F. HULME, N.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY FOLDED AND FAULTED TRIASSIC AGE SEDIMENTARY AND VOLCANIC ROCKS WHICH HAVE BEEN INTRUDED BY GRANODIORITE. THE GEOCHEMICAL SURVEY OUTLINED A GOLD SOIL ANOMALY. SEVERAL VLF ELECTROMAGNETIC CONDUCTORS AND MAGNETIC ANOMALIES OCCUR. PYRITE, PYRRHOTITE AND CHALCOPYRITE OCCUR WITH QUARTZ VEINS IN SILICEOUS FRACTURE ZONES.
WORK DONE: GEOL 1:5000,1:200,1:50
MAGG 144.0 KM
EMGR 144.0 KM;VLF
SOIL 599;MULTIELEMENT
ROCK 61;MULTIELEMENT
LINE 154.5 KM
TREN 7.3 M;2 TRENCHES
PITS 5
REFERENCES: A.R. 14743

LAKE, NOVA

MINING DIV: OSOYOOS ASSESSMENT REPORT 15244 INFO CLASS 3
LOCATION: LAT. 49 23.6 LONG. 119 56.7 NTS: 82E/ 5W
CLAIMS: NOVA 12, LAKE 1, LAKE 3
OPERATOR: PLACER DEV.
AUTHOR: TENNANT, S.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP SEDIMENTARY AND VOLCANIC ROCKS WHICH HAVE BEEN INTRUDED BY IGNEOUS ROCKS OF LATER MESOZOIC AND EARLY TERTIARY AGES. DRILL CORE ANALYSES RETURNED LOW GOLD VALUES.
WORK DONE: DIAD 535.5 M;4 HOLES,NQ
SAMP 165;AU,AS,CU,AG
REFERENCES: A.R. 14066,15244

LOOKOUT, MOUNTAIN VIEW

MINING DIV: OSOYOOS ASSESSMENT REPORT 15181 INFO CLASS 3
LOCATION: LAT. 49 23.9 LONG. 119 51.9 NTS: 82E/ 5W
CLAIMS: DUCE, ACE
OPERATOR: PETO, P.
AUTHOR: PETO, P.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY VOLCANICS OF THE OLD TOM FORMATION, SEDIMENTS OF THE INDEPENDENCE FORMATION AND GRANODIORITE.
WORK DONE: GEOL 1:2500
EMGR 17.5 KM;VLF
REFERENCES: A.R. 3918,5574,14687,15181
M.I. 082ESW053-LOOKOUT AND MOUNTAIN VIEW

MARSEL

MINING DIV: OSOYOOS ASSESSMENT REPORT 14463 INFO CLASS 4
LOCATION: LAT. 49 18.5 LONG. 119 47.3 NTS: 82E/ 5W
CLAIMS: MARSEL 6, HYWAY FR.
OPERATOR: REX SILVER MINES
AUTHOR: ROCKEL, E.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY INTERBEDDED GREENSTONE AND CHERT. THE GREENSTONES ARE CUT BY FRACTURES WITH INTENSE SILICIFICATION AND IN PLACES REPLACE COUNTRY ROCK, FORMING IRREGULAR QUARTZ LENSES. SULPHIDES OCCUR ALONG FRACTURED SURFACES AND IS DISSEMINATED THROUGHOUT THE SILICIFIED GREENSTONE. THE GEOPHYSICAL TEST SURVEY HAS DETERMINED THAT VLF-ELECTROMAGNETIC, MAGNETIC AND HIGH POWER TIME DOMAIN INDUCED POLARIZATION - RESISTIVITY METHODS CAN BE APPLIED EFFECTIVELY TO EXPLORE FOR SULPHIDE MINERALIZATION IN THIS PARTICULAR CLAIM AREA.
WORK DONE: MAGG 2.1 KM
EMGR 3.7 KM;VLF,VLEM
IPOL 1.8 KM
LINE 2.1 KM
REFERENCES: A.R. 14463

MG

MINING DIV: OSOYOOS ASSESSMENT REPORT 15178 INFO CLASS 3
LOCATION: LAT. 49 21.6 LONG. 119 58.1 NTS: 82E/ 5W
CLAIMS: MG
OPERATOR: MANDUSA RES.
AUTHOR: DISPIRITO, F.

DESCRIPTION: THE CLAIM IS UNDERLAIN BY JURASSIC GRANODIORITE AND TRIASSIC WOLF CREEK AND HEDLEY FORMATION SEDIMENTS. ANOMALOUS GEOPHYSICAL RESULTS WERE OBTAINED FROM THE SURVEYS.
WORK DONE: MAGG 48.3 KM
EMGR 24.5 KM;VLF
LINE 52.7 KM
REFERENCES: A.R. 13164,15178

NOVA, ACE

MINING DIV: OSOYOOS ASSESSMENT REPORT 14687 INFO CLASS 4
LOCATION: LAT. 49 24.0 LONG. 119 51.5 NTS: 82E/ 5W
CLAIMS: ACE 18, NOVA 2
OPERATOR: CANOVA RES.
AUTHOR: SHAW, D. PETO, P.
DESCRIPTION: A NARROW (20-35 CENTIMETRE), NORTH-TRENDING QUARTZ FISSURE VEIN CARRYING FREE GOLD CUTS ALTERED AND SHEARED ARGILLITES AND LIMESTONES. THE VEIN IS EXPOSED FOR 200 METRES IN A COLLAPSED ADIT AND SHAFT. WALL ROCKS ARE SILICIFIED AND CARRY LOW AND VARIABLE CONCENTRATIONS OF GOLD (5-2190 PPB).
WORK DONE: ROCK 4;AS,AU
PROS 1:5000
REFERENCES: A.R. 14687

R.J. GROUP, ORION

MINING DIV: OSOYOOS ASSESSMENT REPORT 15245 INFO CLASS 3
LOCATION: LAT. 49 23.0 LONG. 119 58.1 NTS: 82E/ 5W
CLAIMS: R.J. GROUP, ORION, JOHN
OPERATOR: PLACER DEV.
AUTHOR: TENNANT, S.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY SILTSTONES, ARGILLITES AND TUFFS OF THE UPPER TRIASSIC NICOLA GROUP AND ARE INTRUDED BY GRANITIC ROCKS OF TRIASSIC-CRETACEOUS AGE. CALC-SILICATE (DIOPSIDE AND TRACES OF GARNET) ALTERATION WITH DISSEMINATED PYRRHOTITE IS SOMETIMES ACCOMPANIED BY PYRITE AND THE OCCASIONAL TRACE OF CHALCOPYRITE AND OCCURS IN THE SILTSTONES. DRILL CORE ANALYSES RETURNED LOW GOLD VALUES.
WORK DONE: DIAD 326.4 M;3 HOLES,NQ
SAMP 100;AU,AS,CU,AG
REFERENCES: A.R. 12850,14039,15245

RITSUKO

MINING DIV: OSOYOOS ASSESSMENT REPORT 14499 INFO CLASS 4
LOCATION: LAT. 49 20.6 LONG. 119 56.5 NTS: 82E/ 5W
CLAIMS: RITSUKO
OPERATOR: MACLAY, W.
AUTHOR: HULME, N.
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY GRANODIORITE IN CONTACT WITH TRIASSIC AGE SEDIMENTS. POSSIBLE ANOMALOUS GEOPHYSICAL RESPONSES WERE OBTAINED.
WORK DONE: MAGG 8.9 KM
EMGR 2.8 KM;VLF
LINE 13.4 KM
REFERENCES: A.R. 14499

DOLLAR

MINING DIV: GREENWOOD ASSESSMENT REPORT 15190 INFO CLASS 4
LOCATION: LAT. 49 27.9 LONG. 119 7.9 NTS: 82E/ 6E
CLAIMS: W1
OPERATOR: MORRISON, M.
AUTHOR: MORRISON, M.
COMMODITIES: SILVER, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MASSIVE GRANODIORITE OF THE LOWER CRETACEOUS NELSON INTRUSIONS WHICH IS CUT BY A STRONG 1 TO 2 METRE WIDE VERTICALLY DIPPING SHEAR ZONE. VUGGY QUARTZ VEINS 5 TO 50 CENTIMETRES IN WIDTH FILL THE SHEAR ZONE LOCALLY. MINERALIZATION CONSISTS OF VARIABLE PYRITE, GALENA, AND SPHALERITE WITHIN OR ADJACENT TO THE QUARTZ VEIN MATERIAL. BIOGEOCHEMICAL SURVEY RESULTS RETURNED LOW VALUES.
WORK DONE: BIOG 19;MULTIELEMENT
REFERENCES: A.R. 3740,7358,12795,15190
M.I. 082ESW059-DOLLAR

GREEN

MINING DIV: GREENWOOD ASSESSMENT REPORT 14342 INFO CLASS 4
LOCATION: LAT. 49 23.5 LONG. 118 40.5 NTS: 82E/ 7E
CLAIMS: GREEN 1
OPERATOR: BOITARD, C.
AUTHOR: LA RUE, J. BOITARD, C.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY A COMPLEX SERIES OF INTRUSIVE ROCKS CONSISTING OF VARIOUS TEXTURED PHASES OF GRANITE AND PEGMATITE OF THE LOWER CRETACEOUS AGE VALHALLA INTRUSIONS. SYENITE,

MONZONITE, GRANITE AND PEGMATITE OF THE EOCENE AGE CORYELL INTRUSIONS ARE ALSO PRESENT.
WORK DONE: SOIL 82;AS
REFERENCES: A.R. 6617,7154,7846,9551,10038,13379,14342

BARNATO

MINING DIV: GREENWOOD ASSESSMENT REPORT 14952 INFO CLASS 3
LOCATION: LAT. 49 28.5 LONG. 118 53.2 NTS: 82E/ 7W
CLAIMS: BARNATO
OPERATOR: GOLDEN SEAL RES.
AUTHOR: GEWARGIS, W.
COMMODITIES: GOLD, SILVER, COPPER, LEAD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY TERTIARY AGE KETTLE RIVER FORMATION ROCKS, LOWER CRETACEOUS AGE NELSON INTRUSIONS AND PERMIAN AGE ANARCHIST GROUP VOLCANICS AND SEDIMENTS. MINERALIZATION CONSISTING OF PYRITE, PYRRHOTITE AND CHALCOPYRITE OCCUR AS VEINS OR DISSEMINATIONS WITHIN INTRUSIVE AND VOLCANIC ROCKS OR ALONG THEIR CONTACTS. PERCUSSION DRILLING RESULTS RETURNED LOW GOLD VALUES.
WORK DONE: PERD 202.4 M;4 HOLES
SAMP 131;AU
REFERENCES: A.R. 6751,8703,10098,10456,14952
M.I. 082ESE109-BARNATO

BLUEJAY

MINING DIV: GREENWOOD ASSESSMENT REPORT 14456 INFO CLASS 3
LOCATION: LAT. 49 24.7 LONG. 118 55.0 NTS: 82E/ 7W
CLAIMS: BLUE JAY 1-4, BLUE JAY 12
OPERATOR: VALAR RES.
AUTHOR: GEWARGIS, W.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY ANDESITE TUFFS AND CHERTS OF THE PERMIAN AGE ANARCHIST GROUP. MINERALIZATION OCCURS AS FRACTURE FILLING QUARTZ VEINS WITH PYRITE, PYRRHOTITE AND ARSENOPYRITE THAT CARRY GOLD VALUES. ANOMALOUS GOLD, SILVER AND ARSENIC VALUES OCCUR IN SOILS.
WORK DONE: GEOL 1:5000
SOIL 246;AU,AG,AS
LINE 20.7 KM
REFERENCES: A.R. 13496,14456
M.I. 082ESE217-BLUEJAY

GUT

MINING DIV: GREENWOOD ASSESSMENT REPORT 14927 INFO CLASS 4
LOCATION: LAT. 49 25.0 LONG. 118 56.4 NTS: 82E/ 7W
CLAIMS: GROUSE 3
OPERATOR: UTAH MINES
AUTHOR: PETO, P.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY HIGHLY FRACTURED, PYRITIC TUFFS OF THE WALLACE FORMATION AND ARE INTRUDED BY DIORITIC, GRANODIORITIC AND RHYODACITIC DYKES. GOLD VALUES MAY BE RELATED TO SHEAR ZONES WITHIN THE VOLCANICS.
WORK DONE: ROCK 2;MULTIELEMENT
PROS 1:5000
REFERENCES: A.R. 14927
M.I. 082ESE175-GUT

MONTANA

MINING DIV: GREENWOOD ASSESSMENT REPORT 15173 INFO CLASS 4
LOCATION: LAT. 49 25.8 LONG. 118 53.0 NTS: 82E/ 7W
CLAIMS: MONTANA
OPERATOR: CONTROL ENERGY
AUTHOR: SOOKOCHOFF, L.
COMMODITIES: COPPER, LEAD, ZINC, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PERMIAN ANARCHIST GROUP METAVOLCANICS AND METASEDIMENTS. MINERALIZATION CONSISTING OF MALACHITE, AZURITE, PYRITE, GALENA, AND SPHALERITE WITH GOLD AND SILVER VALUES IS ASSOCIATED WITH QUARTZ VEINS THAT CUT THE METASEDIMENTS.
WORK DONE: GEOL 1:500
MAGG 1.8 KM
EMGR 1.8 KM;VLF
SOIL 8;MULTIELEMENT
REFERENCES: A.R. 2951,9528,14313,15173
M.I. 082ESE111-MONTANA

DAJG

MINING DIV: GREENWOOD ASSESSMENT REPORT 15172 INFO CLASS 4
LOCATION: LAT. 49 34.1 LONG. 118 20.4 NTS: 82E/ 9W
CLAIMS: DAJG 1, DAJG 3-5
OPERATOR: LONGREACH RES.
AUTHOR: MCDOUGALL, J. PRESUNKA, S.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY AN EAST-WEST TRENDING

BODY OF TERTIARY AUGITE SYENITE WHICH IS INTRUSIVE INTO LOWER CRETACEOUS - UPPER TRIASSIC NELSON BATHOLITH GRANODIORITE. THE GEOPHYSICAL ELECTROMAGNETIC AND MAGNETOMETER SURVEYS MAY HAVE OUTLINED DISCONTINUOUS DYKES OR SILL-LIKE PYROXENITE WHICH OCCURS IN THE AUGITE SYENITE.

WORK DONE: MAGG 3.5 KM
LINE 3.5 KM

REFERENCES: A.R. 15172

BLUE, REN, RT

MINING DIV: GREENWOOD ASSESSMENT REPORT 14746 INFO CLASS 3
LOCATION: LAT. 49 37.0 LONG. 118 47.5 NTS: 82E/10W
CLAIMS: BLUE 2, RT 9, REN 13
OPERATOR: CARD, L.
AUTHOR: CARD, L. LLOYD, G.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LIMESTONES AND QUARTZITES OF THE PERMIAN ANARCHIST GROUP. DRILLING DID NOT INTERSECT MINERALIZATION. EIGHT CORE SAMPLES ALL ASSAYED ONLY TRACE GOLD AND SILVER.
WORK DONE: DIAD 100.0 M;2 HOLES,BQ
SAMP 8;AU,AG
REFERENCES: A.R. 14746

FAP

MINING DIV: OSOYOOS ASSESSMENT REPORT 15047 INFO CLASS 4
LOCATION: LAT. 49 36.8 LONG. 119 51.2 NTS: 82E/12W
CLAIMS: FAP 1-2, CRU, ARM 1-3
OPERATOR: AGIO RES.
AUTHOR: PETO, P. DUBA, D.
COMMODITIES: COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A LENSE-SHAPED BODY OF HORNBLENDE GNEISS WHICH HOSTS CHALCOPYRITE MINERALIZATION IN SHEAR ZONES. THE HORNBLENDE GNEISS IS SURROUNDED BY LOWER CRETACEOUS NELSON BATHOLITH QUARTZ DIORITES.
WORK DONE: GEOL 1:5000
ROCK 20;MULTIELEMENT
REFERENCES: A.R. 2198,4691,5445,10718,11518,13931,15047
M.I. 082ENW048-FAP

JASS

MINING DIV: OSOYOOS ASSESSMENT REPORT 15207 INFO CLASS 3
LOCATION: LAT. 49 43.6 LONG. 119 56.0 NTS: 82E/12W
CLAIMS: ROSE, ROSE 2
OPERATOR: ALMADEN RES.
AUTHOR: WATT, D.
COMMODITIES: COPPER, MOLYBDENUM, ZINC
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY JURASSIC-CRETACEOUS NELSON AND VALHALLA PLUTONIC ROCKS (GRANITE-QUARTZ MONZONITE) WHERE LATER QUARTZ LATITE AND APLITE DYKES EXHIBIT WEAK CHALCOPYRITE-MOLYBDENITE PORPHYRY STYLE MINERALIZATION. THE GEOPHYSICAL SURVEY OUTLINED TWO VLF ELECTROMAGNETIC CONDUCTORS.
WORK DONE: EMGR 25.0 KM;VLF
ROCK 3;AU,AG
PROS 1:5000
REFERENCES: A.R. 5318,6399,6558,10445,15207
M.I. 082ENW021-JASS

JUBILATION

MINING DIV: VERNON ASSESSMENT REPORT 15157 INFO CLASS 4
LOCATION: LAT. 49 58.0 LONG. 119 42.6 NTS: 82E/13E
CLAIMS: JUBILATION 1-2
OPERATOR: MORRISON, M.
AUTHOR: MORRISON, M.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY METASEDIMENTS OF THE PERMIAN-PENNSYLVANIAN CACHE CREEK GROUP INTRUDED BY A HORNBLENDE DIORITE.
WORK DONE: GEOL 1:2500
REFERENCES: A.R. 4242,4272,5503,9186,15157

SHEAR

MINING DIV: VERNON ASSESSMENT REPORT 14784 INFO CLASS 4
LOCATION: LAT. 49 59.5 LONG. 119 34.0 NTS: 82E/13E
CLAIMS: SHEAR 5
OPERATOR: LENARD, N.
AUTHOR: LENARD, N.
DESCRIPTION: PERMIAN AGE CACHE CREEK GROUP ANDESITE, LIMESTONE AND AN INFERRED NORMALL FAULT INCLUDES PYRITIC QUARTZ STOCKWORK IN FRACTURED, FAULTED ANDESITE. MINOR TO RARE GALENA OCCUR IN QUARTZ VEINS.
WORK DONE: SOIL 6;AU

ROCK 3;AU,AG
PROS 1:3333
REFERENCES: A.R. 14784

AZZA

MINING DIV: VERNON ASSESSMENT REPORT 15217 INFO CLASS 4
LOCATION: LAT. 49 55.9 LONG. 118 34.1 NTS: 82E/15E
CLAIMS: AZZA
OPERATOR: BAYROCK, L.
AUTHOR: VEN HUIZEN, G.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY LOWER CRETACEOUS-UPPER JURASSIC NELSON INTRUSION GRANODIORITE. SOIL GEOCHEMISTRY RETURNED ANOMALOUS MULTIELEMENT VALUES.
WORK DONE: SOIL 58;MULTIELEMENT
REFERENCES: A.R. 13528,15217

NELSON 82F

GOAT

MINING DIV: NELSON ASSESSMENT REPORT 14773 INFO CLASS 3
LOCATION: LAT. 49 7.5 LONG. 116 12.0 NTS: 82F/ 1E
CLAIMS: GOAT 1-2
OPERATOR: BIG BEND JOINT
AUTHOR: LEASK, G.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY AN EASTERLY DIPPING SEQUENCE OF LOWER TO MIDDLE ALDRIDGE FORMATION SILTITES, QUARTZITES, QUARTZ WACKES, ARGILLITES AND METAGABBROIC SILLS. LARGE AREAS OF TOURMALINITE AND ALBITE ALTERATION ARE PRESENT WITHIN THE CLAIMS. MINOR GALENA, SPHALERITE AND PYRITE MINERALIZATION IS PRESENT NEAR THE LOWER-MIDDLE ALDRIGE FORMATION CONTACT IN ASSOCIATION WITH ALBITE. THE ALDRIDGE FORMATION IS IN FAULT CONTACT ON THE EAST WITH CRESTON FORMATION QUARTZITES.
WORK DONE: GEOL 1:10000
REFERENCES: A.R. 14773

SHA

MINING DIV: FORT STEELE ASSESSMENT REPORT 15025 INFO CLASS 3
LOCATION: LAT. 49 5.0 LONG. 116 18.5 NTS: 82F/ 1W
CLAIMS: SHA 9-10, SHA 12-13
OPERATOR: COMINCO
AUTHOR: PIGHIN, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MODERATELY EAST DIPPING PRECAMBRIAN MIDDLE ALDRIDGE FORMATION SEDIMENTS. THESE SEDIMENTS ARE DOMINANTLY MEDIUM TO THIN BEDDED WACKES AND QUARTZITIC WACKES WHICH ARE INTRUDED BY GABBRO SILLS AND DYKES. THE AREA IS BOUNDED ON THE EAST AND WEST BY MAJOR NORTH TRENDING FAULTS. THE SOIL SURVEY LOCATED ISOLATED LEAD ANOMALIES.
WORK DONE: SOIL 484;PB,ZN
REFERENCES: A.R. 15025

SHA

MINING DIV: NELSON ASSESSMENT REPORT 15109 INFO CLASS 3
LOCATION: LAT. 49 11.0 LONG. 116 19.0 NTS: 82F/ 1W
CLAIMS: SHA 24-27
OPERATOR: COMINCO
AUTHOR: PIGHIN, D.
DESCRIPTION: THE SHA CLAIMS ARE UNDERLAIN BY MODERATELY EAST-DIPPING PRECAMBRIAN MIDDLE ALDRIDGE FORMATION SEDIMENTS CONSISTING OF MEDIUM TO THIN-BEDDED WACKES AND QUARTZITIC WACKES WHICH ARE INTRUDED BY GABBRO SILLS AND DYKES. THE AREA IS BOUNDED ON THE EAST AND WEST BY TWO MAJOR NORTH-TRENDING FAULTS - THE IRON MOUNTAIN FAULT ON THE WEST AND ON THE EAST BY THE KID CREEK FAULT. A NUMBER OF MINOR NORTHEAST AND NORTHWEST STRIKING LEFT LATERAL NORMAL FAULTS HAVE BEEN MAPPED ON THE PROPERTY. THE GEOCHEMICAL SURVEY IDENTIFIED SEVERAL COINCIDENT LEAD AND ZINC ANOMALIES.
WORK DONE: SOIL 275;PB,ZN
REFERENCES: A.R. 15109

STAR

MINING DIV: NELSON ASSESSMENT REPORT 15021 INFO CLASS 4
LOCATION: LAT. 49 13.0 LONG. 116 15.0 NTS: 82F/ 1W
CLAIMS: STAR #5
OPERATOR: WIKLUND, D.
AUTHOR: DAVIES, H.

DESCRIPTION: THE CLAIM IS UNDERLAIN BY SEDIMENTS OF THE PRECAMBRIAN MIDDLE ALDRIDGE FORMATION. ISOLATED LEAD AND ZINC SOIL ANOMALIES WERE IDENTIFIED. BLACK TOURMALINE FLOAT WAS OBSERVED ON THE NORTH SIDE OF PETERSON CREEK AND ALSO ALONG A TRIBUTARY OF SPIDER CREEK.
WORK DONE: SOIL 65;PB,ZN
LINE 1.0 KM
REFERENCES: A.R. 7469,15021

SUN

MINING DIV: NELSON ASSESSMENT REPORT 14180 INFO CLASS 3
LOCATION: LAT. 49 8.0 LONG. 116 19.0 NTS: 82F/ 1W
CLAIMS: SUN 5, SUN 7-10
OPERATOR: COMINCO
AUTHOR: LAJOIE, J.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY ROCKS OF THE PURCELL SUPERGROUP WHICH INCLUDES THE LOWER, MIDDLE, AND UPPER ALDRIDGE FORMATIONS. THE UNITS STRIKE BETWEEN 150 DEGREES AND 170 DEGREES AND DIP BETWEEN 20 DEGREES AND 85 DEGREES TO THE NORTHEAST. THE UT ELECTROMAGNETIC SURVEY DID NOT DISCLOSE ANY CONDUCTORS OF INTEREST.
WORK DONE: EMGR 13.6 KM;UTEM
REFERENCES: A.R. 12239,14180

SUN

MINING DIV: NELSON ASSESSMENT REPORT 14623 INFO CLASS 3
LOCATION: LAT. 49 9.0 LONG. 116 18.5 NTS: 82F/ 1W
CLAIMS: SUN 5-10
OPERATOR: COMINCO
AUTHOR: PIGHIN, D.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY THE ALDRIDGE FORMATION (PRECAMBRIAN), CONSISTING MAINLY OF EAST DIPPING (20-30 DEGREES) WACKE, QUARTZITIC WACKE AND QUARTZ WACKE. THESE SEDIMENTS ARE INTRUDED BY A GABBRO SILL AND A NORTHWEST TRENDING DYKE. A NORTHEAST TRENDING FAULT CUTS THE PROPERTY NEAR ITS SOUTHEAST CORNER. GALENA AND MINOR SPHALERITE OCCUR IN 5 CENTIMETRE TO 10 CENTIMETRE THICK QUARTZ VEINS WHICH STRIKE EAST AND DIP 70 DEGREES TO 85 DEGREES SOUTH. PYRRHOTIFEROUS WACKE AND SUBWACKE BEDS WITH ELEVATED LEAD-ZINC VALUES (<2000 PPM) ALSO OCCUR ON THE PROPERTY.
WORK DONE: SOIL 543;MULTIELEMENT
LINE 26.5 KM
REFERENCES: A.R. 12239,14180,14623

DODGE

MINING DIV: NELSON ASSESSMENT REPORT 14951 INFO CLASS 3
LOCATION: LAT. 49 1.7 LONG. 116 38.3 NTS: 82F/ 2E
CLAIMS: DODGE 1-3
OPERATOR: COMINCO
AUTHOR: PIGHIN, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY THE PRECAMBRIAN AGE MIDDLE ALDRIDGE FORMATION CONSISTING MAINLY OF METAWACKE AND METAQUARTZITIC WACKE. METASEDIMENTS WHICH UNDERLIE THE PROPERTY APPEAR TO FORM A NORTHEAST PLUNGING SYNCLINE THAT IS COMPLICATED BY NORTH TRENDING FAULTS. A LEAD-ZINC SOIL ANOMALY WAS IDENTIFIED FROM THE GEOCHEMICAL SURVEY.
WORK DONE: SOIL 721;MULTIELEMENT
REFERENCES: A.R. 14951

BIG HORN

MINING DIV: NELSON ASSESSMENT REPORT 14995 INFO CLASS 3
LOCATION: LAT. 49 13.5 LONG. 117 7.3 NTS: 82F/ 3E
CLAIMS: SKARN, TEXAN 5
OPERATOR: AWESOME RES.
AUTHOR: ELWELL, J.
COMMODITIES: GOLD, SILICA
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LOWER CRETACEOUS NELSON BATHOLITH GRANITES IN CONTACT WITH PALEOZOIC AGE METASEDIMENTS. MINERALIZATION CONSISTING OF PYRITE, PYRRHOTITE, CHALCOPYRITE AND SPHALERITE OCCURS IN A SILICIFIED ZONE BETWEEN GRANITE AND QUARTZITE CONTACTS. THE GEOPHYSICAL SURVEY FAILED TO LOCATE VLF ELECTROMAGNETIC CONDUCTORS.
WORK DONE: EMGR 16.5 KM;VLF
REFERENCES: A.R. 8652,11440,14995
M.I. 082FSW265-BIG HORN

BLACK ROCK SOUTH

MINING DIV: NELSON ASSESSMENT REPORT 15159 INFO CLASS 4
LOCATION: LAT. 49 7.4 LONG. 117 13.0 NTS: 82F/ 3E
CLAIMS: BLACK ROCK NO.4, BLACK ROCK 5 FR, BLACK ROCK 6 FR
BLACK ROCK 7 FR, BLACK ROCK 8, BLACK ROCK 9 FR
BLACK ROCK 10FR, BLACK ROCK 11FR, BLACK ROCK 19FR
BLACK ROCK 18FR, BLACK ROCK 20, BLACK ROCK 21FR
BLACK ROCK FR.
OPERATOR: SOURCE RES.

AUTHOR: COOKE, D.
COMMODITIES: ZINC
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY CAMBRIAN LAIB FORMATION PHYLLITES, SCHISTS, LIMESTONES AND ARGILLITES WHICH ARE UNDERLAIN BY QUARTZITES OF THE RENO FORMATION. MINERALIZATION CONSISTS OF FRACTURED CONTROLLED SPHALERITE IN LIMESTONES.
WORK DONE: GEOL 1:5000
LINE 4.0 KM
REFERENCES: A.R. 7215,8132,15159
M.I. 082FSW 007-BLACK ROCK SOUTH

BONANZA

MINING DIV: NELSON ASSESSMENT REPORT 15028 INFO CLASS 4
LOCATION: LAT. 49 7.7 LONG. 117 7.6 NTS: 82F/ 3E
CLAIMS: DIP
OPERATOR: NUGGET MINES
AUTHOR: ALLEN, G.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LATE PROTEROZOIC TO CAMBRIAN ARGILLITE, ARGILLACEOUS QUARTZITE AND LIMESTONE THAT HAVE BEEN FOLDED INTO TWO TIGHT NORTHERLY-TRENDING ANTICLINES WITH AN INTERVENING SYNCLINE. GOLD-QUARTZ VEINS WITH MINOR SULPHIDES OCCUR IN NORTHEASTERLY-TRENDING FAULTS WHERE THEY INTERSECT CERTAIN STRATIGRAPHIC UNITS (NOTABLY UPPER NAVADA AND UPPER NUGGET QUARTZITE). THE SOIL SURVEY RETURNED ANOMALOUS GOLD VALUES.
WORK DONE: SOIL 64;MO,CU,AG,ZN,PB,AU
REFERENCES: A.R. 10,11249,15028
M.I. 082FSW055-BONANZA

MOUNTAINEER, HEATHER

MINING DIV: NELSON ASSESSMENT REPORT 14795 INFO CLASS 4
LOCATION: LAT. 49 10.4 LONG. 117 4.0 NTS: 82F/ 3E
CLAIMS: K-G, K-G-L
OPERATOR: GUYMER, W.
AUTHOR: LANDIS, J.
COMMODITIES: GOLD
DESCRIPTION: GEOLOGY MAP 1145A INDICATES THE PROPERTY TO BE IN THE PALEOZOIC LOWER CAMBRIAN LAIB FORMATION, RENO FORMATION AND THE QUARTZITE RANGE FORMATION.
WORK DONE: EMGR 3.2 KM;VLF
SPOT 7.7 KM

SOIL 9;MULTIELEMENT
ROCK 12;MULTIELEMENT
ROAD 0.1 KM
REFERENCES: A.R. 14795
M.I. 082FSW260-MOUNTAINEER

SALMO CONSOLIDATED

MINING DIV: NELSON ASSESSMENT REPORT 14903 INFO CLASS 3
LOCATION: LAT. 49 9.6 LONG. 117 9.6 NTS: 82F/ 3E
CLAIMS: G.J. 1
OPERATOR: GOLDRICH RES.
AUTHOR: MEYER, B.
COMMODITIES: ZINC, LEAD
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY LOWER CRETACEOUS GRANITE OF THE NELSON PLUTONIC SERIES, WHICH INTRUDES LOWER AND MIDDLE ORDOVICIAN AGE MARINE SEDIMENTS OF THE ACTIVE FORMATION. SEDIMENTS STRIKE NORTHEAST AND DIP TO THE SOUTHEAST. QUARTZ-CALCITE VEINS CONTAIN SPHALERITE-GALENA-PYRITE-PYRRHOTITE AS DISSEMINATIONS, AND STRIKE NORTHEAST WITH STEEP SOUTHEASTERLY DIPS. VEIN WIDTH VARIES FROM A FEW CENTIMETRES UP TO TWO METRES. ANOMALOUS MULTIELEMENT SOIL VALUES OCCUR.
WORK DONE: SOIL 155;MULTIELEMENT
REFERENCES: A.R. 14903
M.I. 082FSW030-SALMO CONSOLIDATED

ACE IN THE HOLE

MINING DIV: NELSON ASSESSMENT REPORT 14934 INFO CLASS 4
LOCATION: LAT. 49 7.0 LONG. 117 22.7 NTS: 82F/ 3W
CLAIMS: ACE IN THE HOLE
OPERATOR: FALCONBRIDGE
AUTHOR: BURGE, C.
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY LOWER JURASSIC AGE ELISE FORMATION ROCKS OF THE ROSSLAND GROUP THAT ARE INTRUDED TO THE SOUTH BY CRETACEOUS AGE NELSON PLUTONIC ROCKS. MINERALIZATION CONSISTS OF BASE AND PRECIOUS METALS IN QUARTZ-CARBONATE VEINS.
WORK DONE: GEOL 1:10000
ROCK 77;WHOLE ROCK
ROCK 77;MULTIELEMENT
REFERENCES: A.R. 14934

ARCH

MINING DIV: NELSON ASSESSMENT REPORT 14374 INFO CLASS 3
LOCATION: LAT. 49 9.5 LONG. 117 24.0 NTS: 82F/ 3W
CLAIMS: ARCH 1, ARCH 3, ARCH 5-8
OPERATOR: NORANDA EX.
AUTHOR: GILL, D. BRADISH, L.
DESCRIPTION: THE ARCH GROUP OF CLAIMS IS UNDERLAIN BY LOWER JURASSIC SINEMURIAN BEDS CONSISTING OF ARGILLITE, SHALE, SLATE AND MINOR PYROCLASTIC ROCKS WHICH IN TURN ARE OVERLAIN BY THE LOWER JURASSIC ROSSLAND GROUP VOLCANICS COMPRISED OF ANDESITES, BASALTS, PORPHYRITIC FLOWS, AGGLOMERATES AND TUFFS. SMALL GRANITE TO GRANODIORITE STOCKS OF THE NELSON PLUTONIC COMPLEX ARE OCCASIONALLY FOUND INTRUDING THE SEDIMENTS AND VOLCANICS. FELSIC VOLCANICS WITHIN THE ROSSLAND GROUP ACCOMPANIED WITH GEOPHYSICAL CONDUCTORS SUGGESTS A MASSIVE SULPHIDE STYLE OF MINERALIZATION MAY EXIST. THE GEOCHEMICAL SURVEY REVEALED A ZINC SOIL ANOMALOUS ZONE. THE GEOPHYSICAL SURVEY DETECTED SEVERAL INTERESTING COINCIDENT MAGNETIC ANOMALIES AND ELECTROMAGNETIC CONDUCTORS.
WORK DONE: GEOL 1:2500
MAGG 15.0 KM
EMGR 14.3 KM;HLEM
SOIL 46;CU,PB,ZN,AG,AU
ROCK 17;CU,PB,ZN,AG,AU
LINE 23.9 KM
REFERENCES: A.R. 14374

KELLY

MINING DIV: NELSON ASSESSMENT REPORT 14372 INFO CLASS 3
LOCATION: LAT. 49 7.0 LONG. 117 28.0 NTS: 82F/ 3W
CLAIMS: KELLY 1-4, KELLY 6-7
OPERATOR: NORANDA EX.
AUTHOR: GILL, D. BRADISH, L.
DESCRIPTION: THE KELLY GROUP OF CLAIMS IS UNDERLAIN BY ANDESITES, DACITES, BASALTS, FLOW BRECCIAS, AGGLOMERATES AND TUFFS OF THE ROSSLAND GROUP. SMALL WINDOWS OF LOWER JURASSIC INTERBEDDED ARGILLITES, SHALES AND PYROCLASTICS OCCUR. THE SOIL SURVEY RETURNED SLIGHTLY ELEVATED VALUES IN COPPER, ZINC, LEAD AND SILVER. THE GEOPHYSICAL SURVEY REVEALED A LOW TO MODERATE CONDUCTIVE ZONE.
WORK DONE: GEOL 1:2500
MAGG 9.9 KM

EMGR 7.3 KM;HLEM
SOIL 63;CU,PB,ZN,AG,AU
SILT 7;CU,PB,ZN,AG,AU
ROCK 13;CU,PB,ZN,AG,AU
LINE 9.5 KM
REFERENCES: A.R. 14372

ORC

MINING DIV: NELSON ASSESSMENT REPORT 14890 INFO CLASS 3
LOCATION: LAT. 49 13.6 LONG. 117 21.4 NTS: 82F/ 3W
CLAIMS: ORC 3
OPERATOR: REX SILVER MINES
AUTHOR: AUSSANT, C.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY FLOWS, TUFFS, AND BRECCIAS OF THE MIDDLE JURASSIC AGE ELISE FORMATION IN CONTACT WITH SEDIMENTS OF THE JURASSIC AGE HALL FORMATION AND WITH SEDIMENTS AND VOLCANICS OF THE JURASSIC AGE ARCHIBALD FORMATION OCCURRING ALONG A NORTHWEST TRENDING AXIS OF AN ANTICLINE TRANSECTING THE CENTRAL PART OF THE PROPERTY. NO MINERALIZATION HAS BEEN LOCATED. A VLF ELECTROMAGNETIC CONDUCTOR ZONE HAS BEEN OUTLINED.
WORK DONE: MAGG 6.6 KM
EMGR 6.6 KM;VLF
SOIL 3;AU,AG
LINE 9.6 KM
REFERENCES: A.R. 14890

RED BIRD

MINING DIV: NELSON ASSESSMENT REPORT 14960 INFO CLASS 2
LOCATION: LAT. 49 0.9 LONG. 117 23.5 NTS: 82F/ 3W
CLAIMS: NOR 2-3, ROYAL FR., TOUGH NUT FR., RUTH, CAVIAR NO. 5
OPERATOR: TECK
AUTHOR: BETMANIS, A.
COMMODITIES: ZINC, LEAD, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY SOUTHWEST DIPPING CAMBRIAN SEDIMENTS OF THE LAIB AND RENO FORMATIONS WHICH ARE THRUST-OVERLAIN BY ORDOVICIAN ARGILLITE OF THE ACTIVE FORMATION. THE REEVES LIMESTONE OF THE LAIB FORMATION CONTAINS DISSEMINATED TO SEMI-MASSIVE SPHALERITE, PYRITE AND MINOR GALENA MINERALIZATION THAT OCCURS AS PARTLY STRATABOUND SHOOTS WHICH PLUNGE SOUTHWESTERLY WITH BEDDING AT DIFFERENT HORIZONS IN THE LIMESTONE. THE DRILL

RESULTS INTERSECTED AN OXIDIZED SULPHIDE HORIZON WHICH INDICATES A SUBSTANTIAL DEPTH EXTENSION OF OXIDIZATION.

WORK DONE: DIAD 2691.1 M;6 HOLES,NQ
SAMP 35;AU,AG,ZN,PB,CD
ROAD 7.0 KM
RECL
REFERENCES: A.R. 51,75,14960
M.I. 082FSW024-RED BIRD

SWIFT

MINING DIV: NELSON ASSESSMENT REPORT 14373 INFO CLASS 3
LOCATION: LAT. 49 4.5 LONG. 117 23.0 NTS: 82F/ 3W
CLAIMS: SWIFT 9-10
OPERATOR: NORANDA EX.
AUTHOR: GILL, D. BRADISH, L.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY THE LOWER CAMBRIAN LAIB FORMATION CONSISTING OF ARGILLITES, LIMESTONE, DOLOMITE, PHYLLITE AND SCHISTS WHICH IN TURN ARE OVERLAIN BY ANDESITES, BASALTS, FLOW BRECCIAS, AUGITE PORPHYRYS, AGGLOMERATES AND TUFFS OF THE LOWER JURASSIC ROSSLAND GROUP. GRANITE- O GRANODIORITE STOCKS OF THE NELSON PLUTONIC ROCKS ALSO OCCUR. THE SOIL SURVEY RETURNED NEGLIGIBLE BASE AND PRECIOUS METAL VALUES. A COINCIDENT MAGNETIC ANOMALY AND ELECTROMAGNETIC CONDUCTOR WAS LOCATED.

WORK DONE: GEOL 1:2500
MAGG 2.8 KM
EMGR 2.4 KM;HLEM
SILT 5;CU,PB,ZN,AG,AU
ROCK 1;CU,PB,ZN,AG,AU
LINE 2.9 KM
REFERENCES: A.R. 14373

SWIFT

MINING DIV: NELSON ASSESSMENT REPORT 14933 INFO CLASS 3
LOCATION: LAT. 49 7.0 LONG. 117 19.5 NTS: 82F/ 3W
CLAIMS: SWIFT 1-4
OPERATOR: FALCONBRIDGE
AUTHOR: BURGE, C.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LOWER JURASSIC AGE ELISE FORMATION ROCKS OF THE ROSSLAND GROUP THAT ARE INTRUDED IN THE SOUTH BY CRETACEOUS AGE NELSON PLUTONIC ROCKS. THE OCCURRENCE OF FELSIC ROCKS

WITH CALC-ALKALINE AFFINITY AND SUBAQUEOUS DEPOSITIONAL FEATURES SUGGEST A VOLCANOGENIC MASSIVE SULPHIDE POTENTIAL FOR THE AREA.

WORK DONE: GEOL 1:10000
EMGR 27.0 KM;VLF
ROCK 108;WHOLE ROCK
ROCK 108;MULTIELEMENT
PETR 6 THIN SECTIONS
LINE 54.0 KM

REFERENCES: A.R. 14933

BORDER

MINING DIV: TRAIL CREEK ASSESSMENT REPORT 14495 INFO CLASS 4
LOCATION: LAT. 49 0.2 LONG. 117 38.2 NTS: 82F/ 4E
CLAIMS: BORDER 1-2
OPERATOR: GEOSTRATEGIC CONSUL.
AUTHOR: EVANS, D.
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY ELISE FORMATION ANDESITES THAT ARE INTRUDED BY A NORTHEAST TRENDING FELSIC DYKE SYSTEM. SOIL GEOCHEMISTRY RESULTS ARE LOW.
WORK DONE: SOIL 30;AU,AG,AS
ROCK 2;AU,AG,AS
PROS 1:500
REFERENCES: A.R. 12199,14495

TIGRE

MINING DIV: TRAIL CREEK ASSESSMENT REPORT 14345 INFO CLASS 4
LOCATION: LAT. 49 3.5 LONG. 117 46.0 NTS: 82F/ 4E 82F/ 4W
CLAIMS: TIGRE
OPERATOR: INLAND AU-AG RES.
AUTHOR: BRAGG, D.
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY LOWER JURASSIC ROSSLAND GROUP ROCKS CONSISTING OF ANDESITE-BASALT FLOWS, TUFF AND ARGILLITE. SOME INTRUSIVE DYKES OCCUR. A VEIN WAS LOCATED IN SHEARED VOLCANICS.
WORK DONE: MAGG 1.4 KM
TOPO 1:500
LINE 2.2 KM
REFERENCES: A.R. 13357,14345

AIR

MINING DIV: TRAIL CREEK ASSESSMENT REPORT 14883 INFO CLASS 4
LOCATION: LAT. 49 3.3 LONG. 117 49.0 NTS: 82F/ 4W
CLAIMS: AIR 1
OPERATOR: INLAND AU-AG RES.
AUTHOR: BRAGG, D.
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY SEDIMENTS OF THE PENNYSLVANIAN AGE MOUNT ROBERTS FORMATION AND VOLCANICS OF THE LOWER JURASSIC AGE ROSSLAND GROUP. GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: MAGG 6.7 KM
LINE 6.7 KM
REFERENCES: A.R. 14883

ARR

MINING DIV: TRAIL CREEK ASSESSMENT REPORT 15026 INFO CLASS 4
LOCATION: LAT. 49 4.2 LONG. 117 46.1 NTS: 82F/ 4W
CLAIMS: ARR 1-2
OPERATOR: INLAND AU-AG RES.
AUTHOR: BRAGG, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MIDDLE-LOWER JURASSIC ROSSLAND GROUP SEDIMENTS AND VOLCANICS WHICH ARE INTRUDED BY MULTI-COMPOSITIONAL DYKES. ANOMALOUS MAGNETIC RESPONSES WERE OUTLINED.
WORK DONE: GEOL 1:500
MAGG 3.0 KM
LINE 3.0 KM
REFERENCES: A.R. 15026

BEAN POT

MINING DIV: TRAIL CREEK ASSESSMENT REPORT 14974 INFO CLASS 4
LOCATION: LAT. 49 4.4 LONG. 117 51.7 NTS: 82F/ 4W
CLAIMS: FOREST KING, BEAN POT, TILLICUM FR.
OPERATOR: HODGSON, S.
AUTHOR: HODGSON, S.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY VOLCANICLASTIC AND VOLCANIC ROCKS. SOIL SAMPLE RESULTS ARE LOW.
WORK DONE: SOIL 23;ZN,PB,CU
SILT 2;ZN,PB,CU
PROS 1:11628
LINE 11.0 KM
REFERENCES: A.R. 14974

CITY OF CLEVELAND

MINING DIV: TRAIL CREEK ASSESSMENT REPORT 14848 INFO CLASS 4
LOCATION: LAT. 49 0.7 LONG. 117 55.8 NTS: 82F/ 4W
CLAIMS: CITY CLEVELAND
OPERATOR: GOLDSMITH, L.
AUTHOR: GOLDSMITH, L.
DESCRIPTION: LOWER JURASSIC ROSSLAND GROUP VOLCANICS AND VOLCANICLASTIC SEDIMENTS MAY UNDERLIE THE WESTERN END OF THE CLAIM. TERTIARY CORYELL PLUTONIC ROCKS ARE MAPPED IN THE EASTERN PART OF THE PROPERTY. THE GEOCHEMICAL SURVEY DID NOT REVEAL ANOMALOUS COPPER-GOLD SOIL VALUES.
WORK DONE: SOIL 10;AU,CU
REFERENCES: A.R. 14848

HILLSIDE

MINING DIV: TRAIL CREEK ASSESSMENT REPORT 14622 INFO CLASS 4
LOCATION: LAT. 49 3.5 LONG. 117 47.0 NTS: 82F/ 4W
CLAIMS: HILLSIDE
OPERATOR: INLAND AU-AG RES.
AUTHOR: BRAGG, D.
DESCRIPTION: THE TARGETS OF EXPLORATION ARE MINERALIZED VEINS WITHIN FAULT STRUCTURES THAT CUT THE MOUNT ROBERTS FORMATION (PENNSYLVANIAN), THE ROSSLAND GROUP (LOWER JURASSIC) AND THE NELSON PLUTONIC COMPLEX (LOWER CRETACEOUS).
WORK DONE: MAGG 1.5 KM
REFERENCES: A.R. 14622

IDA MAY, BIG TROUT

MINING DIV: TRAIL CREEK ASSESSMENT REPORT 14882 INFO CLASS 4
LOCATION: LAT. 49 5.7 LONG. 117 48.3 NTS: 82F/ 4W
CLAIMS: IDA MAY, BIG TROUT
OPERATOR: INLAND AU-AG RES.
AUTHOR: BRAGG, D.
DESCRIPTION: THE CLAIM AREA APPEARS TO BE UNDERLAIN BY SEDIMENTS OF THE PENNSYLVANIAN AGE MOUNT ROBERTS FORMATION AND VOLCANICS OF THE LOWER JURASSIC AGE ROSSLAND GROUP. GEOPHYSICAL SURVEY RESULTS ARE NEGLIGIBLE.
WORK DONE: MAGG 2.3 KM
LINE 2.3 KM
REFERENCES: A.R. 14293,14882

JERO

MINING DIV: TRAIL CREEK ASSESSMENT REPORT 14676 INFO CLASS 3
LOCATION: LAT. 49 3.0 LONG. 117 48.0 NTS: 82F/ 4W
CLAIMS: JERO 5
OPERATOR: GUNSTEEL RES.
AUTHOR: ALLEN, D. MACQUARRIE, D.
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY SEDIMENTARY, VOLCANIC AND SUB-VOLCANIC ROCKS OF THE ROSSLAND GROUP WHICH ARE INTRUDED BY DYKES OF QUARTZ-FELDSPAR-PORPHYRY AND HORNBLENDE SYENODIORITE. EXCEPT FOR THE PRESENCE OF DISSEMINATED PYRITE AND PYRRHOTITE, NO MINERAL OCCURRENCES ARE KNOWN ON THE CLAIMS. HOWEVER, OUTCROPS ARE SPARSE AND WORK TO DATE HAS REVEALED THE PRESENCE OF WIDESPREAD ZINC, LEAD AND ARSENIC AND SCATTERED GOLD ANOMALIES IN SOILS.
WORK DONE: EMGR 3.6 KM;VLF
SOIL 93;MULTIELEMENT
ROCK 6;MULTIELEMENT
LINE 2.6 KM
REFERENCES: A.R. 1903B,2045,8776,8812,11441,13449,13551, 14676

LORD ROBERTS, UNION

MINING DIV: TRAIL CREEK ASSESSMENT REPORT 14756 INFO CLASS 3
LOCATION: LAT. 49 7.5 LONG. 117 48.0 NTS: 82F/ 4W
CLAIMS: HANNA 1, TOP 1
OPERATOR: REX SILVER MINES
AUTHOR: AUSSANT, C.
COMMODITIES: GOLD, SILVER, COPPER, LEAD, ZINC
DESCRIPTION: WITHIN THE CLAIM GROUP, THE MOUNT ROBERTS FORMATION (PENNSYLVANIAN) IS THRUST OVER THE ROSSLAND GROUP VOLCANICS (JURASSIC). THESE ROCKS ARE INTRUDED BY NELSON GRANITES (CRETACEOUS) AND CORYELL SYENITES (EOCENE). EXPLORATION TARGETS ARE FRACTURE-CONTROLLED MASSIVE SULPHIDE ZONES CARRYING GOLD VALUES SIMILAR TO THOSE FROM THE ROSSLAND CAMP. NO MINERALIZATION HAS BEEN LOCATED. OVERBURDEN IS EXTENSIVE.
WORK DONE: EMGR 17.0 KM;VLF
SOIL 287;HG,AS,SB
LINE 17.0 KM
REFERENCES: A.R. 11618,14756
M.I. 082FSW163-LORD ROBERTS;082FSW164-UNION

CRESCENT

MINING DIV: NELSON ASSESSMENT REPORT 14652 INFO CLASS 4
LOCATION: LAT. 49 28.0 LONG. 117 36.0 NTS: 82F/ 5E
CLAIMS: CRESCENT 1
OPERATOR: GRAF, C.
AUTHOR: GRAF, C.
DESCRIPTION: NIOBIUM-TANTALUM BEARING BLACK OXIDE MINERALS UP TO 2 CENTIMETRES ACROSS OCCUR DISSEMINATED IN COARSE-GRAINED PEGMATITIC-GNEISSIC PHASES IN THE CUPOLA OF A SYENITE INTRUSIVE INTO AN OLDER HORNBLENDE-BIOTITE GNEISS UNIT.
WORK DONE: SOIL 10;NB,TA
ROCK 28;NB,TA
PETR 1
PROS 1:375
REFERENCES: A.R. 14652

COTTONWOOD

MINING DIV: NELSON ASSESSMENT REPORT 15373 INFO CLASS 1
LOCATION: LAT. 49 25.3 LONG. 117 16.4 NTS: 82F/ 6E 82F/ 6W
CLAIMS: KENA 7, MAC 1
OPERATOR: LACANA MIN.
AUTHOR: JOHNSTON, R. .
COMMODITIES: GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY CHLORITIZED AND VARIABLY SHEARED MIDDLE JURASSIC ELISE FORMATION ANDESITE TUFFS AND FLOWS WHICH STRIKE TO THE NORTHWEST AND DIP MODERATELY TO THE SOUTHWEST AND ARE INTRUDED BY VARIOUS PHASES OF THE LOWER CRETACEOUS NELSON BATHOLITH. GOLD OCCURS IN SILICIFIED AND PYRITIC FRACTURE ZONES WITHIN THE ANDESITES. DIAMOND DRILLING INTERSECTED NARROW SILICIFIED, BRECCIATED AND PYRITIC FRACTURE ZONES WITH SPOTTY GOLD MINERALIZATION THAT DOES NOT APPEAR TO CONTINUE TO DEPTH.
WORK DONE: DIAD 3128.7 M;23 HOLES,NQ
SAMP 462;MULTIELEMENT
REFERENCES: A.R. 5222,5665,6520,6946,9476,9593,13348,14023, 15373
M.I. 082FSW237-COTTONWOOD

DUNDEE, YANKEE GIRL

MINING DIV: NELSON ASSESSMENT REPORT 14719 INFO CLASS 3
LOCATION: LAT. 49 17.5 LONG. 117 10.5 NTS: 82F/ 6E
CLAIMS: LAKEVIEW, YANKEE GIRL
OPERATOR: GOLDRICH RES.
AUTHOR: DAY, W.
COMMODITIES: GOLD, SILVER, ZINC, LEAD
DESCRIPTION: THE HOST ROCKS FOR PRODUCTIVE VEINS CONSIST OF NORTHEAST TRENDING PEND D'OREILLE SCHISTS INTRUDED BY TONGUES OF NELSON GRANODIORITE. VEINS ARE PRODUCTIVE WITHIN 300 METRES OF THE LAKEVIEW FAULT - A MAJOR NORTHEASTERLY SUTURE IN WHICH SILVER, GOLD, PYRITE, GALENA AND SPHALERITE MINERALIZATION WAS REPORTED. NEGLIGIBLE METAL VALUES WERE ENCOUNTERED IN THIS SURVEY.
WORK DONE: UNDD 234.9 M;2 HOLES,BQ
SAMP 76;AG,AU,PB,ZN
REFERENCES: A.R. 14719
M.I. 082FSW067-DUNDEE;082FSW068-YANKEE GIRL

ELISE

MINING DIV: NELSON ASSESSMENT REPORT 14406 INFO CLASS 3
LOCATION: LAT. 49 20.5 LONG. 117 10.0 NTS: 82F/ 6E
CLAIMS: MOSS, ELISE, SUMMIT, EMA
OPERATOR: NUGGET MINES
AUTHOR: ALLEN, D. ENDERSBY, S.
COMMODITIES: SILVER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY ARGILLITE, SLATE AND PHYLLITE OF THE (PERMIAN?) YMIR GROUP. FISSURE-TYPE QUARTZ VEINS, THE SUMMIT AND ELISE, CONTAIN GOLD, SILVER, LEAD AND ZINC VALUES. THE VEINS TREND EAST-NORTHEAST AND DIP STEEPLY TO THE NORTHWEST. THE GEOCHEMICAL SURVEY RETURNED ANOMALOUS SILVER AND ZINC VALUES IN SOILS.
WORK DONE: EMGR 1.4 KM;VLF
SOIL 52;MO,CU,AG,ZN,PB,AU
ROCK 3;MO,CU,AG,ZN,PB,AU
LINE 1.8 KM
REFERENCES: A.R. 14406
M.I. 082FSW192-ELISE
ANN. RPT. 1896, P. 75; 1933, P. A227

ELISE

MINING DIV: NELSON ASSESSMENT REPORT 15346 INFO CLASS 3
LOCATION: LAT. 49 20.9 LONG. 117 10.2 NTS: 82F/ 6E
CLAIMS: ELISE, SUMMIT, MOSS 1-2, TIM 2, GOLDHILL, BIRCH
OPERATOR: NUGGET MINES
AUTHOR: ALLEN, G.
COMMODITIES: SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY ARGILLITE, SLATE AND PHYLLITE OF THE YMIR GROUP. PYRITIC QUARTZ VEINS OCCUR IN SHEARED SEDIMENTS. SOIL GEOCHEMISTRY RETURNED WEAK TO MODERATE ZINC, LEAD, SILVER AND GOLD VALUES.
WORK DONE: SOIL 133;MULTIELEMENT
ROCK 5;MULTIELEMENT
REFERENCES: A.R. 14406,15346
M.I. 082FSW192-ELISE

EUPHRATES, LOST CABIN

MINING DIV: NELSON ASSESSMENT REPORT 14353 INFO CLASS 4
LOCATION: LAT. 49 23.0 LONG. 117 12.0 NTS: 82F/ 6E
CLAIMS: EUPHRATES
OPERATOR: BOURDON, R.
AUTHOR: BOURDON, R.
COMMODITIES: GOLD, SILVER, LEAD, ZINC
DESCRIPTION: THE CLAIM IS UNDERLAIN BY ROSSLAND GROUP VOLCANICS CONSISTING OF ANDESITE AND AUGITE PORPHYRY. MINERALIZATION OCCURS IN QUARTZ VEINS WITHIN UNALTERED ANDESITE, SCHISTOSE ZONES WITHIN SHEARED VOLCANICS AND MINERALIZED FELSIC DYKES AND ADJACENT WALLROCK. MINERALIZATION CONSISTS OF ARSENOPYRITE, PYRITE, GALENA, SPHALERITE AND CHALCOPYRITE.
WORK DONE: ROCK 20;AU,AG,PB,ZN
PROS 1:5000
REFERENCES: A.R. 2598,3719,5721,6139,6476,14353
M.I. 082FSW186-EUPHRATES;082FSW270-LOST CABIN

HUMMING BIRD

MINING DIV: NELSON ASSESSMENT REPORT 14867 INFO CLASS 3
LOCATION: LAT. 49 28.1 LONG. 117 10.1 NTS: 82F/ 6E
CLAIMS: HUMMING BIRD 1, HUMMING BIRD 2, HUMMING BIRD 3
HUMMING BIRD 4, HUMMING BIRD 5, HUMMING BIRD 6
HUMMING BIRD 7, HUMMING BIRD 8, HUMMING BIRD 9
HUMMING BIRD 10, HUMMING BIRD 11

OPERATOR: GOLDSMITH, L.
AUTHOR: LOGAN, J. GOLDSMITH, L.
COMMODITIES: GOLD, ZINC, LEAD, SILVER
DESCRIPTION: MID-MESOZOIC ARGILLACEOUS QUARTZITES OF THE YMIR GROUP ARE INTRUDED BY EARLY UPPER JURASSIC NELSON BATHOLITH. QUARTZ VEINS HOST SHOOTS OF GOLD-BEARING MATERIAL, WITH OR WITHOUT SULPHIDES. SMALL PRODUCTION HAS BEEN ATTAINED FROM ONE NARROW QUARTZ VEIN. A SHAFT INTERSECTED A LENS OF MASSIVE PYRRHOTITE AND LESSER AMOUNTS OF SPHALERITE, GALENA, CHALCOPYRITE, MARCASITE, PYRITE, LIMONITE AND HEMATITE. THE POTENTIAL OF THE DEPOSIT IS LIMITED.
WORK DONE: GEOL 1:5000,1:500
SOIL 151;AU,AG,PB,ZN
ROCK 3;AU,AG,PB,ZN
SAMP 1:AU,AG,PB,ZN
REFERENCES: A.R. 14867
M.I. 082FSW210-HUMMING BIRD

STRIKE

MINING DIV: NELSON ASSESSMENT REPORT 14440 INFO CLASS 3
LOCATION: LAT. 49 21.0 LONG. 117 14.5 NTS: 82F/ 6E 82F/ 6W
CLAIMS: STRIKE 2
OPERATOR: NEVIN SADLIER-BROWN
AUTHOR: ADDIE, G.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY ELISE FORMATION ANDESITE FLOWS AND HALL FORMATION ARGILLITES WHICH BELONG TO THE LOWER JURASSIC AGE ROSSLAND GROUP. SILVER KING PORPHYRITIC DIORITES ALSO OCCUR. THE GEOCHEMICAL SURVEY IDENTIFIED MODERATELY ANOMALOUS MULTIELEMENT SOIL VALUES.
WORK DONE: SOIL 132;MULTIELEMENT
SILT 7;CU,ZN,AG,ZU,AS,SB
ROCK 3;CU,ZN,AG,AU
LINE 3.8 KM
REFERENCES: A.R. 14440

TOP, ERIC

MINING DIV: NELSON ASSESSMENT REPORT 14760 INFO CLASS 3
LOCATION: LAT. 49 22.0 LONG. 117 10.0 NTS: 82F/ 6E
CLAIMS: TOP, ERIC
OPERATOR: GOLDRICH RES.
AUTHOR: MEYER, B.
DESCRIPTION: THE EAST HALF OF THE PROPERTY IS UNDERLAIN BY

LOWER JURASSIC AND TRIASSIC MARINE SEDIMENTS OF THE YMIR GROUP. THE WEST HALF IS UNDERLAIN BY LOWER JURASSIC ANDESITE AND BASALT FLOWS OF THE ELISE FORMATION, WHICH CONFORMABLY OVERLIE THE SEDIMENTS. STRUCTURALLY, THE GEOLOGIC TREND IS NORTH-SOUTH, WITH BEDDING AND/OR FOLIATION DIPPING STEEPLY WEST. OLD WORKINGS EXPOSE AN AURIFEROUS PYRITE-BEARING QUARTZ VEIN IN VOLCANIC-HOSTED ROCK. VEIN WIDTH VARIES FROM A FEW CENTIMETRES TO LESS THAN A METRE, STRIKES NORTH 25 DEGREES WEST AND DIPS 65 DEGREES SOUTH-WEST. PITCH OF ORE SHOOT IS 30 DEGREES NORTH-WEST. GEOCHEMICAL RESULTS SHOW ANOMALOUS SILVER AND ZINC VALUES.

WORK DONE: SOIL 204;MULTIELEMENT
REFERENCES: A.R. 12754,14760

BIRD

MINING DIV: NELSON ASSESSMENT REPORT 14990 INFO CLASS 4
LOCATION: LAT. 49 25.8 LONG. 117 29.6 NTS: 82F/ 6W
CLAIMS: BIRD 5
OPERATOR: REX SILVER MINES
AUTHOR: AUSSANT, C.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY NORTHWEST STRIKING INTERCALATED FLOWS AND METASEDIMENTS OF THE MIDDLE JURASSIC AGE ARCHIBALD FORMATION WHICH ARE METAMORPHOSED TO AN ASSEMBLAGE OF SCHISTS AND GNEISSES AND INTRUDED BY CRETACEOUS AGE NELSON GRANITES. GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: MAGG 4.9 KM
EMGR 4.9 KM;VLF
LINE 4.9 KM
REFERENCES: A.R. 11554,13483,14990

BIRDSEYE, IRENE, GREAT EASTERN

MINING DIV: NELSON ASSESSMENT REPORT 14586 INFO CLASS 4
LOCATION: LAT. 49 26.5 LONG. 117 20.0 NTS: 82F/ 6W
CLAIMS: GREAT WESTERN
OPERATOR: ROBINSON, R.
AUTHOR: SALAZAR, G.
COMMODITIES: SILVER, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY ELISE FORMATION STRONGLY SCHISTOSE ANDESITIC TUFFS WITH ABUNDANT PYRITE. THE METAMORPHOSED VOLCANIC ROCKS ARE INTRUDED BY A STOCK OF SILVER KING SYENITE

PORPHYRY WHICH UNDERLIES THE WIDTH OF THE HILLSIDE CLAIM.

WORK DONE: SOIL 12;AG,AU
LINE 0.3 KM
ROAD 0.8 KM
REFERENCES: A.R. 8614,9461,14586
M.I. 082FSW167-BIRDSEYE,082FSW171-IRENE,082FSW172-GREAT EASTERN

GOLDEN EAGLE

MINING DIV: NELSON ASSESSMENT REPORT 15277 INFO CLASS 4
LOCATION: LAT. 49 24.0 LONG. 117 20.4 NTS: 82F/ 6W
CLAIMS: ROZAN, GOLDEN EAGLE 3
OPERATOR: LACANA MIN.
AUTHOR: JOHNSTON, R.
COMMODITIES: GOLD, SILVER, LEAD, ZINC
DESCRIPTION: THE ROZAN PROPERTY IS UNDERLAIN BY NORTHWEST STRIKING, EAST DIPPING ELISE FORMATION ANDESITE AND YMIR GROUP ARGILLITES WHICH ARE INTRUDED BY VARIOUS PHASES OF THE NELSON BATHOLITH. OVER 4030 GRAMMES OF GOLD AND 4340 GRAMMES OF SILVER HAVE BEEN WON FROM A NUMBER OF NORTHERLY TRENDING QUARTZ VEINS WITHIN THE GRANODIORITE. SOIL AND ROCK SAMPLING ON A STRONGLY EPIDOTIZED ANDESITE PENDANT REVEALED SPOTTY GOLD, COPPER, ZINC, MOLYBDENUM AND TUNGSTEN ANOMALIES NEAR THE CONTACTS.
WORK DONE: SOIL 51;MULTIELEMENT
ROCK 14;MULTIELEMENT
REFERENCES: A.R. 15277
M.I. 082FSW179-GOLDEN EAGLE

IRENE, GREAT EASTERN

MINING DIV: NELSON ASSESSMENT REPORT 14722 INFO CLASS 4
LOCATION: LAT. 49 26.6 LONG. 117 18.1 NTS: 82F/ 6W
CLAIMS: GREAT WESTERN, IRENE, GREAT EASTERN
OPERATOR: ROBINSON, R.
AUTHOR: SALAZAR, G. PEZZOT, E.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PYRITIC, SCHISTOSE ANDESITIC TUFFS OF THE ELISE FORMATION WHICH ARE INTRUDED BY THE SILVER KING SYENITE PORPHYRY STOCK OF POSSIBLY JURASSIC AND CRETACEOUS AGE. A NORTH TO NORTHEASTERLY TRENDING SHEAR IS PRESENT ALONG THE WESTERN PERIMETER OF THE CLAIMS. AN AIRBORNE

MAGNETIC LOW OUTLINED FROM THIS SURVEY APPEARS TO BE ASSOCIATED WITH THIS TREND. PREVIOUS SURVEYS OUTLINED A GEOCHEMICAL GOLD ANOMALY IN THIS AREA.
WORK DONE: MAGA 2.4 KM
EMAB 2.4 KM
REFERENCES: A.R. 8614,9461,14586,14722
M.I. 082F 171-IRENE;082F 172-GREAT EASTERN

JA

MINING DIV: NELSON ASSESSMENT REPORT 15353 INFO CLASS 4
LOCATION: LAT. 49 27.4 LONG. 117 25.3 NTS: 82F/ 6W
CLAIMS: JA 3, JA 5
OPERATOR: MCMAHON RES.
AUTHOR: HAYNES, L.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MIDDLE-LOWER JURASSIC ELISE FORMATION VOLCANICS AND LOWER CRETACEOUS NELSON INTRUSION GRANODIORITE. SOIL GEOCHEMISTRY RETURNED ANOMALOUS GOLD VALUES.
WORK DONE: SOIL 82;MULTIELEMENT
REFERENCES: A.R. 11425,12653,15353

LESLIE (L. 14657)

MINING DIV: NELSON ASSESSMENT REPORT 14637 INFO CLASS 4
LOCATION: LAT. 49 20.0 LONG. 117 22.0 NTS: 82F/ 6W
CLAIMS: LESLIE
OPERATOR: HALL, W.
AUTHOR: EVANS, D.
DESCRIPTION: THE PROPERTY APPEARS TO BE UNDERLAIN BY ROSSLAND GROUP (JURASSIC) ROCKS WHICH CONSIST OF SILTSTONES, ARGILLITES AND QUARTZITES THAT ARE INTRUDED BY NELSON GRANITES (CRETACEOUS). SKARN-TYPE GOLD BEARING SULPHIDE MINERALIZATION MAY OCCUR ALONG THESE CONTACTS SOMEWHAT SIMILAR TO THE GEOLOGIC SETTING OF THE SECOND RELIEF MINE TO THE WEST.
WORK DONE: ROCK 5;AU,AG,AS,CU,ZN
PROS 1:5000
REFERENCES: A.R. 11451,14637

MAY AND JENNIE

MINING DIV: NELSON ASSESSMENT REPORT 14417 INFO CLASS 2
LOCATION: LAT. 49 26.5 LONG. 117 22.6 NTS: 82F/ 6W
CLAIMS: GOLD NOTE, RED TOP 1, TIP TOP FR., GOLD BELL
MAY AND JENNIE, GOLDEN GIANT
OPERATOR: PLAYER RES.
AUTHOR: BLANCHFLOWER, J.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY ANDESITIC FLOWS, FLOW BRECCIAS AND PYROCLASTICS OF THE LOWER JURASSIC AGE ROSSLAND GROUP. A NORTHWESTERLY TRENDING AND EASTERLY DIPPING QUARTZ-PYRITE VEIN OCCURS IN AN EN ECHELON FAULT ZONE. GOLD VALUES OCCUR WITHIN MORE PYRITIC SECTIONS OF THE VEIN OVER AN EXPOSED STRIKE LENGTH OF 58 METRES. THE GEOPHYSICAL AND GEOCHEMICAL SURVEYS SUGGESTS THAT THE VEIN STRUCTURE MAY CONTINUE BOTH SOUTH EASTWARD AND NORTH WESTWARD.
WORK DONE: GEOL 1:2000,1:250,1:100
MAGG 18.4 KM
EMGR 18.4 KM;VLF
SOIL 709;AU,AG,CU,PB,ZN
ROCK 2;AU,AG,CU,PB,ZN
SAMP 9;AU,AG,CU,PB,ZN
LINE 18.4 KM
REFERENCES: A.R. 14417
M.I. 082FSW091-MAY AND JENNIE

MAY AND JENNIE

MINING DIV: NELSON ASSESSMENT REPORT 14429 INFO CLASS 3
LOCATION: LAT. 49 26.0 LONG. 117 22.5 NTS: 82F/ 6W
CLAIMS: MAY AND JENNIE, RED TOP NO. 1, NEL FR.
OPERATOR: PLAYER RES.
AUTHOR: BLANCHFLOWER, J.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY ANDESITIC FLOWS, FLOW BRECCIAS AND PYROCLASTICS OF THE LOWER JURASSIC AGE ROSSLAND FORMATION. A QUARTZ-PYRITE VEIN NORTHWESTERLY TRENDING AND EASTERLY DIPPING EN ECHOLON FAULT ZONE. GOLD VALUES OCCUR WITHIN THE MORE PYRITIC SECTIONS OF THE VEIN OVER AN EXPOSED STRIKE LENGTH OF 200 METRES. ASSAYS RANGE TO 36 GRAMMES/TONNE GOLD.
WORK DONE: GEOL 1:500
ROCK 62;AU,AG
SAMP 24;AU

TOPO 1:2500
ROAD 1.0 KM
TREN 60.0 M;13 TRENCHES
REFERENCES: A.R. 14429
M.I. 082FSW091-MAY AND JENNIE
ANN. RPT. 1903, P. 143; 1906, P. 148; 1918, P. 172

MID

MINING DIV: NELSON ASSESSMENT REPORT 14886 INFO CLASS 4
LOCATION: LAT. 49 19.3 LONG. 117 22.4 NTS: 82F/ 6W
CLAIMS: MID 1
OPERATOR: REX SILVER MINES
AUTHOR: AUSSANT, C.
DESCRIPTION: THE PROPERTY IS UNDERLAIN MAINLY BY ANDESITE, FLOW BRECCIAS, BASALT, TUFFS AND AUGITE PORPHRY OF THE JURASSIC AGE ELISE FORMATION WHICH IS IN CONTACT WITH ARGILLITE OF THE JURASSIC AGE ARCHIBALD FORMATION ON THE WESTERN LIMB OF A MAJOR SYNCLINORIUM. NO MINERALIZATION HAS BEEN LOCATED.
WORK DONE: MAGG 5.1 KM
LINE 5.1 KM
REFERENCES: A.R. 11552,13486,14886

ORO FINO

MINING DIV: NELSON ASSESSMENT REPORT 14355 INFO CLASS 4
LOCATION: LAT. 49 28.5 LONG. 117 22.0 NTS: 82F/ 6W
CLAIMS: ORO FINO, FOR SALE FR., EVENING STAR, TIGER
OPERATOR: ADDIE, L.
AUTHOR: ADDIE, L.
DESCRIPTION: THE WEST SIDE OF THE CLAIM GROUP IS UNDERLAIN BY PSEUDODIORITE, BELIEVED TO BE METAMORPHIC IN NATURE. THE MIDDLE OF THE PROPERTY CONTAINS ROSSLAND VOLCANICS, CONSISTING OF AUGITE AND FELDSPAR PORPHYRY FLOWS. WHILE THE EAST SIDE OF THE PROPERTY IS UNDERLAIN BY NELSON GRANITE. MINERALIZATION CONSISTS OF CHALCOPYRITE IN QUARTZ VEINS WITHIN SHEAR ZONES WITH ASSOCIATED GOLD VALUES.
WORK DONE: ROCK 21;MULTIELEMENT
PROS 1:10000
REFERENCES: A.R. 14355

ROBB

MINING DIV: NELSON ASSESSMENT REPORT 14966 INFO CLASS 3
LOCATION: LAT. 49 18.0 LONG. 117 23.4 NTS: 82F/ 6W
CLAIMS: ROBB
OPERATOR: SUN RES.
AUTHOR: SANTOS, P.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY VOLCANICS AND SEDIMENTS OF THE MIDDLE JURASSIC HALL FORMATION WHICH ARE INTRUDED BY DIORITE OF THE LOWER CRETACEOUS NELSON INTRUSIONS. ANOMALOUS MULTIELEMENT SOIL VALUES OCCUR.
WORK DONE: GEOL 1:769
SOIL 170;AU,AG,PB,ZN,AS
REFERENCES: A.R. 14966

RON

MINING DIV: NELSON ASSESSMENT REPORT 15331 INFO CLASS 3
LOCATION: LAT. 49 27.4 LONG. 117 23.6 NTS: 82F/ 6W
CLAIMS: INVINCIBLE, VERNAMO, RON 1 FR., RON 2 FR., RON 4-10 RON 13, RON 15, RON 16
OPERATOR: RYAN EX.
AUTHOR: HARRIS, M. KAUFMAN, M.
DESCRIPTION: THE CLAIMS ARE ALMOST DEVOID OF OUTCROP BUT BASED ON A FEW EXPOSURES THEY ARE PROBABLY UNDERLAIN BY QUARTZ DIORITE AND MIDDLE JURASSIC ROSSLAND GROUP VOLCANICS. IN THE NORTHERN PORTION NARROW ERRATICALLY MINERALIZED QUARTZ-PYRITE-GOLD BEARING FISSURE VEINS ARE FOUND CUTTING QUARTZ DIORITE AT SCATTERED LOCALITIES. GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: EMGR 18.0 KM;VLF
REFERENCES: A.R. 14149,15331

STAR OF THE WEST

MINING DIV: NELSON ASSESSMENT REPORT 15074 INFO CLASS 4
LOCATION: LAT. 49 26.5 LONG. 117 17.0 NTS: 82F/ 6W
CLAIMS: STAR OF WEST
OPERATOR: PITTMAN, C.
AUTHOR: BOURDON, R.
COMMODITIES: LEAD, ZINC, SILVER
DESCRIPTION: GALENA, SPHALERITE AND PYRITE MINERALIZATION OCCURS IN SEDIMENTARY UNITS (TUFFS?) OF THE ELISE FORMATION (ROSSLAND GROUP). THE SHOWINGS ARE FLANKED BY MAGNETIC HIGHS ON THE WEST AND

MAGNETIC LOWS ON THE EAST.
WORK DONE: MAGG 4.2 KM
PROS 1:2000
REFERENCES: A.R. 14064,15074
M.I. 082FSW309-STAR OF THE WEST

GOV

MINING DIV: NELSON ASSESSMENT REPORT 15339 INFO CLASS 4
LOCATION: LAT. 49 24.8 LONG. 116 43.5 NTS: 82F/ 7E
CLAIMS: GOV 5
OPERATOR: MORGAN, D.
AUTHOR: MORGAN, D.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY GRANODIORITE OF THE BAYONNE BATHOLITH WHERE THE STRIKE EXTENSION OF THE "VALPARAISO VEIN" OCCUPIES A FAULT ZONE. THE VEIN VARIES IN WIDTH FROM 30 CENTIMETRES TO 8 METRES AND IS MINERALIZED WITH PYRITE, ARSENOPYRITE, SPHALERITE, GALENA, CHALCOPYRITE, WOLFRAMITE AND GOLD.
WORK DONE: GEOL 1:500
REFERENCES: A.R. 15339

WELLINGTON

MINING DIV: FORT STEELE ASSESSMENT REPORT 15284 INFO CLASS 4
LOCATION: LAT. 49 25.3 LONG. 116 13.0 NTS: 82F/ 8E
CLAIMS: CND 2-3
OPERATOR: FORT STEELE
AUTHOR: BREWER, L.
COMMODITIES: GOLD, SILVER, LEAD, COPPER
DESCRIPTION: NUMEROUS IRREGULAR QUARTZ VEINS AND LENSES WITH A LITTLE CARBONATE, DISSEMINATED PYRITE, MINOR GALENA AND CHALCOPYRITE LIE IN A SHEAR ZONE IN A DIORITIC SILL. THE DYKE INTERSECTS THINLY BEDDED SLATES AND LIMY SEDIMENTS AND MINOR QUARTZITE BEDS OF THE UPPER CRESTON FORMATION.
WORK DONE: SOIL 83;AU
ROAD 1.5 KM
TREN 400.0 M;9 TRENCHES
REFERENCES: A.R. 15284
M.I. 082FSE085-WELLINGTON

YELLOW METAL

MINING DIV: FORT STEELE ASSESSMENT REPORT 14718 INFO CLASS 4
LOCATION: LAT. 49 26.3 LONG. 116 9.9 NTS: 82F/ 8E
CLAIMS: HAWK 1
OPERATOR: TRANS-ARCTIC EX.
AUTHOR: ROYER, G.
COMMODITIES: GOLD
DESCRIPTION: THE HAWK #1 IS UNDERLAIN BY PROTEROZOIC AGE METASEDIMENTARY ROCKS OF THE CRESTON FORMATION. ON THE PROPERTY, UNITS GRADATIONAL FROM ARGILLITES TO QUARTZITES STRIKE NORTH-NORTHEASTERLY AND DIP STEEPLY TO THE NORTHWEST. PYRITE, MINOR CHALCOPYRITE, SPHALERITE AND GALENA OCCUR IN TALCOSE SEAMS AND QUARTZ VEINS IN THIN-BEDDED CRESTON QUARTZITES.
WORK DONE: ROCK 2;AU
PROS 1:5000
REFERENCES: A.R. 14718
M.I. 082FSE065-YELLOW METAL

YELLOW METAL

MINING DIV: FORT STEELE ASSESSMENT REPORT 15387 INFO CLASS 3
LOCATION: LAT. 49 26.3 LONG. 116 9.9 NTS: 82F/ 8E
CLAIMS: HAWK 1
OPERATOR: UNIQUE RES.
AUTHOR: MARK, D.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIM IS UNDERLAIN BY ARGILLITES AND QUARTZITES OF THE PROTEROZOIC CRESTON, KITCHENER AND SIYEH FORMATIONS. GOLD AND SILVER MINERALIZATION OCCURS WITH PYRITE AND CHALCOPYRITE IN QUARTZ VEINS WITHIN SILICEOUS ARGILLITES. GEOPHYSICAL SURVEY RESULTS IDENTIFIED ANOMALOUS VLF ELECTROMAGNETIC FEATURES. THERE IS SOME CORRELATION BETWEEN MAGNETIC LOWS AND MAPPED FAULTS. A GOLD GEOCHEMICAL ANOMALY IS PRESENT.
WORK DONE: MAGG 13.0 KM
EMGR 13.0 KM;VLF
SOIL 581;PB,ZN,AG,CU,AU
REFERENCES: A.R. 14718,15387
M.I. 082FSE065-YELLOW METAL

HIGH PEAK, BULL DOG

MINING DIV: FORT STEELE ASSESSMENT REPORT 14358 INFO CLASS 3
LOCATION: LAT. 49 38.5 LONG. 116 8.0 NTS: 82F/ 9E
CLAIMS: ALKI 1, BOOTLEG 1-4, HIGH PEAK, DENVER, DENVER 1 DENVER 3, DENVER 5-6, MATHEWS 1, KNAVE
OPERATOR: AMSTAR VENTURE
AUTHOR: ROYER, G. MARK, D.
COMMODITIES: COPPER, SILICA
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY ARGILLITES AND QUARTZITES OF THE PROTEROZOIC ALDRIDGE FORMATION THAT HAVE BEEN INTRUDED BY DIORITES AND GRANITES OF THE PROTEROZOIC MOYIE INTRUSIONS. FAULTS STRIKING NORTHERLY AND NORTHEASTERLY CUT THE PROPERTY. THE HIGH PEAK SHOWING CONSISTS OF SPARSE CHALCOPYRITE WITHIN FRACTURED QUARTZ VEINING. THE BULLDOG SHOWING CONSISTS OF QUARTZ VEINS WITH NO APPARENT SULPHIDES. THE VLF SURVEY HAS REVEALED SEVERAL CONDUCTORS THAT STRIKE NORTHERLY AND NORTHEASTERLY WHICH CORRELATES WITH MAPPED FAULTS AND CONTACT ZONES. ONE MULTIELEMENT SOIL ANOMALY OCCURS PARALLEL TO THE BULLDOG SHOWING.
WORK DONE: GEOL 1:10000,1:500
EMGR 32.9 KM;VLF
SOIL 250;AU,AG,PB,CU
REFERENCES: A.R. 13632,14358
M.I. 082FNE066-HIGH PEAK;082FNE088-BULL DOG

PARIS

MINING DIV: FORT STEELE ASSESSMENT REPORT 14191 INFO CLASS 3
LOCATION: LAT. 49 31.0 LONG. 116 3.0 NTS: 82F/ 9E
CLAIMS: PARIS 1-2
OPERATOR: IMPERIAL METALS
AUTHOR: CLARK, A. CORVALAN, I.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY THE CRESTON FORMATION (MIDDLE PROTEROZOIC), GREY, AND GREY-WEATHERING GREEN, GREY AND PURPLISH ARGILLACEOUS QUARTZITE. GOLD MINERALIZATION IS THOUGHT TO BE ASSOCIATED WITH FAULT SYSTEMS LOCATED ALONG AND PARALLEL TO PERRY CREEK. SOIL GEOCHEMISTRY DOES NOT APPEAR TO BE AN EFFECTIVE EXPLORATION TOOL IN THIS AREA.
WORK DONE: SOIL 128;MULTIELEMENT
REFERENCES: A.R. 12938,14191

QUARTZ MOUNTAIN

MINING DIV: FORT STEELE ASSESSMENT REPORT 14211 INFO CLASS 3
LOCATION: LAT. 49 34.0 LONG. 116 3.5 NTS: 82F/ 9E
CLAIMS: QUARTZ CREEK, LONE EAGLE
OPERATOR: GALLANT GOLD MINES
AUTHOR: DANDY, L. TROUP, A.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE QUARTZ MOUNTAIN SHOWING CONSISTS OF THREE AREAS OF ALTERATION AND MINERALIZATION IN SEDIMENTARY ROCKS OF THE CRESTON FORMATION (PROTEROZOIC AGE) SANDWICHED BETWEEN TWO DIORITE STOCKS AND CUT BY THE ST. MARY FAULT ZONE. THE MAIN SHOWING HAS BEEN WORKED BY A SMALL OPEN PIT. A WIDE QUARTZ VEIN CONTAINS ABUNDANT PYRITE, CHALCOPYRITE, LIMONITE, HEMATITE, AND LESSER AMOUNTS OF GALENA, MALACHITE, BORNITE, AND FREE GOLD. THE QUARTZ VEIN APPEARS TO OCCUPY A WEST-PLUNGING ISOCLINAL FOLD STRUCTURE. ON THE QUARTZ HILL MINERAL CLAIM WHERE THE DIORITE IS COARSE GRAINED IT GIVES A STRONG MAGNETIC RESPONSE.
WORK DONE: GEOL 1:500,1:100
MAGG 0.9 KM
SOIL 46;MULTIELEMENT
ROCK 45;MULTIELEMENT
REFERENCES: A.R. 14211
M.I. 082FNE055-QUARTZ MOUNTAIN

RUNNING WOLF

MINING DIV: FORT STEELE ASSESSMENT REPORT 14850 INFO CLASS 2
LOCATION: LAT. 49 30.2 LONG. 116 1.9 NTS: 82F/ 9E
CLAIMS: PERRY 2-3
OPERATOR: AMSTAR VENTURE
AUTHOR: SOOKOCHOFF, L.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY THE PROTEROZOIC AGE LOWER PURCELL GROUP WHERE CRESTON FORMATION ROCKS ARE IN A NORTHEAST FAULT CONTACT WITH KITCHENER FORMATION ROCKS IN THE NORTHWEST PORTION OF THE PROPERTY. PYRITE OCCURS IN THE QUARTZITES. THE DRILL PROGRAM TESTED THE VEIN EXTENSIONS OF THE ADJACENT RUNNING WOLF SHOWING. LOW GOLD VALUES WERE ENCOUNTERED IN THE DRILL CORE.
WORK DONE: DIAD 479.1 M;8 HOLES,BQ
SAMP 120;AU
REFERENCES: A.R. 1583,8122,12981,14850

M.I. 082FNE059-RUNNING WOLF

SULLIVAN MINE

MINING DIV: FORT STEELE ASSESSMENT REPORT 15128 INFO CLASS 3
LOCATION: LAT. 49 42.2 LONG. 116 0.8 NTS: 82F/ 9E 82G/12W
CLAIMS: ALTA FR., STONEY FR.
OPERATOR: COMINCO
AUTHOR: REID, B. OSLUND, E.
COMMODITIES: SILVER, LEAD, ZINC, IRON
DESCRIPTION: THE DRILL HOLES WERE COLLARED IN SEDIMENTARY ROCKS OF THE LOWER ALDRIDGE FORMATION AND PENETRATED LAYERED SPHALERITE, GALENA, AND PYRRHOTITE SULPHIDES. THE DRILL PROGRAM PROVIDED GRADE AND FOOTWALL AND HANGING WALL INFORMATION OF THE SULLIVAN MINE.
WORK DONE: UNDD 353.3 M;13 HOLES,AX
SAMP 25;AG,PB,ZN,FE
REFERENCES: A.R. 3621,5462,5463,6189,6656,6660,6661,6785,6786,6970,7020,7181,7182,7428,7460,7461,7548,8511,9095,9096,15128
M.I. 082FNE052-SULLIVAN MINE

FALLER, WHITE ASH, EVANS, GOOD HOPE, JAG 5

MINING DIV: FORT STEELE ASSESSMENT REPORT 14655 INFO CLASS 3
LOCATION: LAT. 49 35.0 LONG. 116 19.0 NTS: 82F/ 9W
CLAIMS: WHITEFISH, GOODHOPE
OPERATOR: GROM RES.
AUTHOR: MAGRUM, M. VON EINSIEDEL,C.
COMMODITIES: COPPER, IRON, LEAD
DESCRIPTION: PYRITE, CHALCOPYRITE, MALACHITE AND GALENA WITH LESSER AMOUNTS OF SPHALERITE OCCUR AS DISSEMINATED GRAINS OR AS NARROW STREAKS AND FRACTURE COATINGS IN A 10 TO 20 CENTIMETRE WIDE ZONE IN THE FOOTWALL OF A NORTH-NORTHWESTERLY STRIKING SHEAR ZONE. THE SHOWING IS HOSTED BY UPPER PROTEROZOIC AGE MOYIE INTRUSIVES IN LOWER PROTEROZOIC ALDRIDGE FORMATION METASEDIMENTARY ROCKS.
WORK DONE: EMGR 10.5 KM;HL
SOIL 116;CU,AG
LINE 10.5 KM
REFERENCES: A.R. 4235,14655
M.I. 082FNE069-FALLER;082FNE070-WHITE ASH;082FNE071-EVANS;082FNE072-GOOD HOPE; 082FNE126-JAG 5

VULCAN

MINING DIV: FORT STEELE ASSESSMENT REPORT 14198 INFO CLASS 3
LOCATION: LAT. 49 45.0 LONG. 116 22.0 NTS: 82F/ 9W 82F/16W
CLAIMS: VULCAN 4-11, REDD 1-3
OPERATOR: COMINCO
AUTHOR: ANDERSON, D. SILIC, J.
DESCRIPTION: THE DRILL HOLE INTERSECTED FINE-GRAINED WACKES TO QUARTZ WACKES OF THE ALDRIDGE FORMATION WITH INTERPRETED SILLS OF GABBRO. BEDDING VARIES FROM FINELY LAMINATED ARGILLACEOUS ROCKS TO MEDIUM BEDDED, MORE QUARTZITIC UNITS. METAMORPHISM IS GREENSCHIST LEVEL WITH LOCAL DEVELOPMENT OF INTENSE BIOTITE AND OR SILICIFICATION. THERE ARE VERY MINOR OCCURRENCES OF GRAPHITE ALONG FRACTURES AND AS NARROW 'BEDDED' SEAMS. THE SULPHIDES, MOST COMMONLY PYRRHOTITE AND PYRITE, OCCUR SPORADICALLY AS FINE LAMINATIONS OR AS CROSS-CUTTING VEINS AND FRACTURE FILLINGS. MINOR ASSOCIATED SPHALERITE AND GALENA WERE NOTED LOCALLY. A LARGE EXTENSIVE UTEM CONDUCTOR WITH A STRIKE LENGTH OF AT LEAST 5 KILOMETRES WAS DEFINED.
WORK DONE: EMGR 54.0 KM;UTEM
DIAD 461.2 M;1 HOLE,NQ
LINE 54.0 KM
ROAD 4.4 KM
REFERENCES: A.R. 11735,13124,14198

GOLDHAWK

MINING DIV: SLOCAN ASSESSMENT REPORT 14858 INFO CLASS 3
LOCATION: LAT. 49 42.3 LONG. 117 25.5 NTS: 82F/11W
CLAIMS: GOLDHAWK 1
OPERATOR: CANADIAN UNITED MIN.
AUTHOR: STACEY, N.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY MIDDLE JURASSIC AGE ROSSLAND GROUP VOLCANICS AND SEDIMENTS INTRUDED BY LOWER CRETACEOUS AGE GRANODIORITE NELSON INTRUSIONS. SOIL GEOCHEMISTRY RESULTS ARE INCONCLUSIVE.
WORK DONE: SOIL 358;MULTIELEMENT
REFERENCES: A.R. 14858

PIEDMONT

MINING DIV: SLOCAN ASSESSMENT REPORT 14764 INFO CLASS 3
LOCATION: LAT. 49 43.5 LONG. 117 25.5 NTS: 82F/11W
CLAIMS: HOPE 2-9, QUEBEC
OPERATOR: CHAPLEAU RES.
AUTHOR: ALLEN, D.
COMMODITIES: ZINC, LEAD, SILVER
DESCRIPTION: SKARN TYPE SILVER-LEAD-ZINC MINERALIZATION OCCURS IN A ROOF PENDANT OF META-SEDIMENTARY ROCKS IN THE NELSON BATHOLITH. THIS PROSPECT HAS BEEN MINED ON A SMALL SCALE PREVIOUSLY, AND RECENT SAMPLING INDICATES A MODEST TONNAGE OF READILY MINEABLE ORE.
WORK DONE: GEOL 1:5000
MAGG 0.9 KM
EMGR 3.3 KM;VLF
SOIL 184;AU,AG,PB,ZN
SILT 5;AU,AG,PB,ZN
ROCK 14;AG,ZN,PB
LINE 7.3 KM
REFERENCES: A.R. 12980,14764
M.I. 082FNW129-PIEDMONT
ANN. RPT. 1928, PP. 295-296;1927, P. C277

WARRIOR

MINING DIV: SLOCAN ASSESSMENT REPORT 14720 INFO CLASS 4
LOCATION: LAT. 49 32.9 LONG. 117 56.8 NTS: 82F/12W
CLAIMS: WARRIOR 1
OPERATOR: TRANS-ARCTIC EX.
AUTHOR: ROYER, G.
DESCRIPTION: THE PROPERTY IS UNDERLAIN MAINLY BY SYENITES, GRANODIORITES, GRANITES, PORPHYRIES AND LAMPROPHYRE DYKES.
WORK DONE: PROS 1:5000
REFERENCES: A.R. 14720

COMSTOCK (L1814)

MINING DIV: SLOCAN ASSESSMENT REPORT 15110 INFO CLASS 4
LOCATION: LAT. 49 53.2 LONG. 117 14.3 NTS: 82F/14E
CLAIMS: CSC 2
OPERATOR: DRAGOON RES.
AUTHOR: YEAGER, D. IKONA, C.
COMMODITIES: LEAD, ZINC, SILVER
DESCRIPTION: ARGENTIFEROUS GALENA-SPHALERITE-QUARTZ VEINS ARE

HOSTED BY NELSON BATHOLITH. THE VEINS FOLLOW A STRONG FAULT WHICH STRIKES NORTH 35 DEGREES TO 55 DEGREES EAST AND DIPS 35 DEGREES TO 55 DEGREES SOUTHEAST.

WORK DONE: SOIL 41;MULTIELEMENT
SILT 19;MULTIELEMENT
SAMP 10;PB,ZN,AG,AU
LINE 1.1 KM
REFERENCES: A.R. 8583,15110
M.I. 082FNW077-COMSTOCK (L1814)

EVENING STAR

MINING DIV: SLOCAN ASSESSMENT REPORT 15138 INFO CLASS 4
LOCATION: LAT. 49 59.5 LONG. 117 7.0 NTS: 82F/14E
CLAIMS: EVENING STAR
OPERATOR: GOLDSMITH, L.
AUTHOR: GOLDSMITH, L.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY TRIASSIC SLOCAN GROUP CLASTIC SEDIMENTS THAT ARE IN PART METAMORPHOSED TO STAUROLITE SCHIST. QUARTZ STRINGERS CROSSCUT SCHISTOSITY. THRESHOLD TO ANOMALOUS GOLD VALUES IN SOILS MAY BE RELATED TO QUARTZ VEINLET ZONES OR TO A METAMORPHIC HALO WHICH SURROUNDS A GRANITIC INTRUSION NEAR TEXAS PEAK.
WORK DONE: SOIL 23;AU
REFERENCES: A.R. 12518,15138

SHOESWAP

MINING DIV: SLOCAN ASSESSMENT REPORT 14868 INFO CLASS 4
LOCATION: LAT. 49 58.0 LONG. 117 12.0 NTS: 82F/14E
CLAIMS: DEERSLAYER, CONDORE, SHOESWAP
OPERATOR: TINTO GOLD
AUTHOR: JONES, H.
DESCRIPTION: ARGILLACEOUS ROCKS OF TRIASSIC AND LOWER JURASSIC SLOCAN GROUP ARE FOLDED AND FAULTED, RESULTING IN NORTHEASTERLY TRENDING FAULT AND BRECCIA ZONES REPLACED BY QUARTZ-CARBONATE ALTERATION. NO MINERALIZED STRUCTURES WERE SEEN ON THE ABOVE PROPERTIES.
WORK DONE: SOIL 37;MULTIELEMENT
PROS 1:10000
ROAD 1.0 KM;REHAB
REFERENCES: A.R. 14868

SILVER BEAR

MINING DIV: SLOCAN ASSESSMENT REPORT 14479 INFO CLASS 3
LOCATION: LAT. 49 51.3 LONG. 117 8.1 NTS: 82F/14E
CLAIMS: SILVER BEAR 1, BROUGHTON, SILVER BEAR
OPERATOR: ST. JAMES'S MIN.
AUTHOR: EVANS, D.
COMMODITIES: SILVER, LEAD, ZINC, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY TRIASSIC AGE SLOCAN GROUP ARGILLITES, LIMESTONES, QUARTZITES AND MINOR SCHISTS THAT HAVE BEEN FOLDED, FAULTED, SHEARED, AND METASOMATIZED BY CRETACEOUS AGE NELSON INTRUSIONS WHICH ALSO APPEAR RELATED TO THE FORMATION OF REPLACEMENT AND VEIN DEPOSITS OF GALENA AND SPHALERITE. MULTIELEMENT ANOMALOUS SOIL VALUES OCCUR.
WORK DONE: EMGR 6.0 KM;VLF
SOIL 284;MULTIELEMENT
REFERENCES: A.R. 13328,14479
M.I. 082FNW100-SILVER BEAR

ARLINGTON

MINING DIV: SLOCAN ASSESSMENT REPORT 15053 INFO CLASS 4
LOCATION: LAT. 49 47.4 LONG. 117 21.6 NTS: 82F/14W
CLAIMS: GAM 1-2, SPECULATOR, MINERAL MNT., MIN. LEASE 80
SILVER LEAF 1-4
OPERATOR: WESTERN ARLINGTON
AUTHOR: HENNEBERRY, R.
COMMODITIES: SILVER, LEAD, COPPER, ZINC, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LOWER CRETACEOUS-UPPER JURASSIC NELSON BATHOLITH GRANODIORITE WHERE SHEAR ZONES CONTAIN QUARTZ VEINS MINERALIZED WITH NATIVE SILVER, GALENA AND SPHALERITE. WEAK COINCIDENT SILVER-LEAD SOIL ANOMALIES WERE IDENTIFIED.
WORK DONE: SOIL 88;AG,PB,ZN
TOPO 1:5000
REFERENCES: A.R. 10172,15053
M.I. 082FNW152-ARLINGTON

DAISY

MINING DIV: SLOCAN ASSESSMENT REPORT 15297 INFO CLASS 3
LOCATION: LAT. 49 51.4 LONG. 117 22.7 NTS: 82F/14W
CLAIMS: JON
OPERATOR: LEONTOWICZ, P.
AUTHOR: GOLDSMITH, L. KALLOCK, P.

COMMODITIES: LEAD, ZINC, SILVER, COPPER
DESCRIPTION: EARLY JURASSIC ROSSLAND GROUP VOLCANICS OCCUR AS ROOF PENDANTS OR INLIERS WITHIN JURASSIC NELSON BATHOLITH. PYRITE WITH SUBORDINATE PYRRHOTITE AND MAGNETITE OCCUR IN VOLCANICS, CONCENTRATED IN AREAS WHICH HAVE BEEN SKARNIFIED.
WORK DONE: GEOL 1:500
ROCK 6;AU
DIAD 127.1 M;3 HOLES,BQ
REFERENCES: A.R. 15297
M.I. 082FNW076-DAISY

ENTERPRISE

MINING DIV: SLOCAN ASSESSMENT REPORT 14962 INFO CLASS 3
LOCATION: LAT. 49 49.0 LONG. 117 19.9 NTS: 82F/14W
CLAIMS: SLOCAN QUEEN, IRON HORSE #2, RAINBOW FR.
OPERATOR: GOLDSMITH, L.
AUTHOR: LOGAN, J. KALLOCK, P.
COMMODITIES: SILVER, LEAD, ZINC
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY GRANODIORITE PORPHYRY OF THE LOWER CRETACEOUS NELSON BATHOLITH WITH PHASES OF DIORITE AND FINE-GRAINED GRANODIORITE. NORTHEASTERLY TRENDING SHEAR AND FAULT ZONES WITH ASSOCIATED QUARTZ-CARBONATE VEINS ARE MINERALIZED WITH GALENA AND SPHALERITE. DIAMOND DRILLING HAS BEEN SUCCESSFUL IN DELINEATING A STRONG ALTERATION ZONE ASSOCIATED WITH THE NO. 2 VEIN STRUCTURE WHERE LOCAL MINERALIZATION CARRIES UP TO 1001 GRAMMES/TONNE SILVER.
WORK DONE: GEOL 1:500
ROCK 28;PB,ZN,AG,AU
DIAD 283.6 M;7 HOLES,NQ
SAMP 35;PB,ZN,AG,AU
REFERENCES: A.R. 7712,8513,8953,14962
M.I. 082FNW148-ENTERPRISE

EVENING STAR 8

MINING DIV: SLOCAN ASSESSMENT REPORT 14473 INFO CLASS 4
LOCATION: LAT. 49 46.9 LONG. 117 23.0 NTS: 82F/14W
CLAIMS: ARGO (L.7612), LODER (L.5231), GREAT WESTERN LITTLE DORRITT, BALUGA
OPERATOR: MONICA RES.
AUTHOR: ARNOLD, R.
COMMODITIES: SILVER, GOLD
DESCRIPTION: PORPHYRITIC GRANODIORITE OF THE NELSON BATHOLITH

UNDERLIES THE NORTHERN CLAIM AREA. NUMEROUS FRACTURES AND NARROW QUARTZ VEINLETS ARE PRESENT WITH CHLORITE AND MINOR EPIDOTE ALTERATION. SILICIFIED SHALES OF THE SLOCAN SEDIMENTS ARE FOUND IN OLD WORKINGS AT HIGHER ELEVATIONS. SEVERAL WEAK VLF CONDUCTORS ARE PRESENT. ZINC AND SILVER SOIL ANOMALIES VALUES WERE IDENTIFIED.

WORK DONE: MAGG 2.3 KM
EMGR 3.1 KM
SOIL 65;AU,AG,PB,ZN,CU,AS
LINE 4.1 KM
REFERENCES: A.R. 10468,14473
M.I. 082FNW176-EVENING STAR 8

JA, JO

MINING DIV: SLOCAN ASSESSMENT REPORT 15204 INFO CLASS 3
LOCATION: LAT. 49 47.7 LONG. 117 26.0 NTS: 82F/14W
CLAIMS: R, S, JO, BLACK BESS, JA, MET 1-6, SURVEY FR., FLYETTE
OPERATOR: MANNY CONSUL.
AUTHOR: SHELDRAKE, R.
DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY PORPHYRITIC GRANITE OF THE UPPER JURASSIC - LOWER CRETACEOUS NELSON BATHOLITH. THREE AIRBORNE HEM CONDUCTORS WERE DETECTED. AN AIRBORNE MAGNETOMETER SURVEY WAS ALSO COMPLETED OVER THIS PROPERTY AS WELL AS NORTHAIR'S "WILLA" PROJECT.
WORK DONE: MAGA 255.0 KM
EMAB 255.0 KM;HEM
REFERENCES: A.R. 11126,11809,11836,13552,13553,14803,15204

JO

MINING DIV: SLOCAN ASSESSMENT REPORT 14803 INFO CLASS 4
LOCATION: LAT. 49 47.5 LONG. 117 26.5 NTS: 82F/14W
CLAIMS: JO
OPERATOR: AMENDOLAGINE, S.
AUTHOR: AMENDOLAGINE, E.
DESCRIPTION: GOVERNMENT MAPS SHOW THE AREA AS BEING UNDERLAIN BY PORPHYRITIC GRANITE OF THE NELSON BATHOLITH WITH LOCAL OUTCROPS OF OLDER (MESOZOIC) ROCKS. THE GEOCHEMICAL SURVEY RETURNED NO ANOMALOUS SOIL VALUES.
WORK DONE: SOIL 72;CU,PB,ZN,AG,AS,AU
LINE 3.0 KM
REFERENCES: A.R. 14803

GSC MEM. 184

NEEPAWA

MINING DIV: SLOCAN ASSESSMENT REPORT 15299 INFO CLASS 3
LOCATION: LAT. 49 49.3 LONG. 117 19.9 NTS: 82F/14W
CLAIMS: PANCHO 4, PANCHO 8, PEDRO, PEDRO 6
OPERATOR: TRAC RES.
AUTHOR: SANTOS, P.
COMMODITIES: LEAD, ZINC, SILVER, GOLD
DESCRIPTION: THE NEEPAWA PROPERTY IS ESSENTIALLY UNDERLAIN BY PORPHYRITIC GRANITE OF THE NELSON INTRUSIVES THOUGHT TO BE CRETACEOUS IN AGE. THE DISTINCTIVE FEATURE OF THIS INTRUSIVE IS THE INCLUSION OF LARGE PINK FELDSPAR PHENOCRYSTS IN A COARSE-GRAINED GRANITIC MATRIX. NORTHEAST TRENDING SHEAR ZONES ARE ASSOCIATED WITH HYDROTHERMAL ALTERATION AND GALENA, SPHALERITE, TETRAHEDRITE AND ARGENTITE MINERALIZATION.
WORK DONE: DIAD 306.2 M;6 HOLES,HQ
SAMP 39;MULTIELEMENT
REFERENCES: A.R. 15299
M.I. 082FNW147-NEEPAWA

MICHEL

MINING DIV: FORT STEELE ASSESSMENT REPORT 14750 INFO CLASS 4
LOCATION: LAT. 49 46.0 LONG. 116 31.3 NTS: 82F/15E
CLAIMS: MICHEL
OPERATOR: JACKSON, D.
AUTHOR: JACKSON, D.
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY SEDIMENTS OF THE KITCHENER FORMATION. DRILLING RESULTS ARE INCONCLUSIVE.
WORK DONE: DIAD 29.3 M;2 HOLES,AX
REFERENCES: A.R. 14750

JENNIE

MINING DIV: SLOCAN ASSESSMENT REPORT 14961 INFO CLASS 4
LOCATION: LAT. 49 57.7 LONG. 116 59.7 NTS: 82F/15W
CLAIMS: JENNIE, SILVER RAINBOW
OPERATOR: STEWART, R.
AUTHOR: MCKNIGHT, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY WEST-DIPPING, DEFORMED

ARGILLITES OF THE KASLO AND SLOCAN GROUPS. SAMPLES FROM A QUARTZ VEIN WITHIN THE ARGILLITES RETURNED LOW GOLD AND SILVER VALUES.

WORK DONE: SOIL 5;AG,AU
ROCK 11;AG,AU
PROS 1:10000,1:100
REFERENCES: A.R. 14961

TRUE BLUE

MINING DIV: SLOCAN ASSESSMENT REPORT 15294 INFO CLASS 3
LOCATION: LAT. 49 53.1 LONG. 116 57.4 NTS: 82F/15W
CLAIMS: KAS 6, BLUE, LO 5
OPERATOR: JANOUT, O.
AUTHOR: PEATFIELD, G.
COMMODITIES: COPPER, ZINC, GOLD, SILVER
DESCRIPTION: METAMORPHOSED SEDIMENTARY AND VOLCANIC ROCKS OF THE MISSISSIPPIAN MILFORD GROUP HOST A SMALL OCCURRENCE OF BANDED POLYMETALLIC VOLCANOGENIC MASSIVE SULPHIDE MINERALIZATION. BOTH MAFIC AND FELSIC METAVOLCANICS OCCUR, CUT BY LARGE SUB-VOLCANIC (?) DIORITIC SILLS AND DYKES. BANDED MASSIVE PYRITE-PYRRHOTITE-CHALCOPYRITE WITH LESSER AMOUNTS OF GALENA AND SPHALERITE MINERALIZATION APPEARS TO BE ABOUT 75 TO 100 CENTIMETRES THICK.
WORK DONE: GEOL 1:12500
SOIL 10;MULTIELEMENT
ROCK 4;MULTIELEMENT
REFERENCES: A.R. 7587,9428,10336,15294
M.I. 082FNE002-TRUE BLUE

GREAT DANE

MINING DIV: FORT STEELE ASSESSMENT REPORT 15309 INFO CLASS 4
LOCATION: LAT. 49 46.0 LONG. 116 26.6 NTS: 82F/16W
CLAIMS: GREAT DANE 1, GREAT DANE 2, JACK 7
OPERATOR: AGINCOURT EX.
AUTHOR: SCOTT, T.
COMMODITIES: SILVER, LEAD, COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY VARICOLOURED ARGILLACEOUS QUARTZITE, SILTSTONE AND ARGILLITE OF THE PROTEROZOIC CRESTON FORMATION INTRUDED BY MOYIE ULTRAMAFIC SILLS AND LATE MESOZOIC INTERMEDIATE PLUGS. MINERALIZATION OCCURS AS SILVER-BEARING MASSIVE SULPHIDE LENSES CONCENTRATED IN SADDLE REEFS FORMED BY WHITE ANATEXIC QUARTZITE WITHIN FOLDED PALE GREEN MICACEOUS SCHISTS AND

BUFF WEATHERING PURPLE QUARTZITES. MINERALIZATION CONSISTS OF, IN DECREASING AMOUNTS, GALENA, SPHALERITE, CHALCOPYRITE AND PYRITE. GEOLOGICAL EVALUATION OF MINERALIZED SHOWINGS INDICATES THAT MASSIVE SULPHIDE LENSES OF SMALL DIMENSIONS MAY YIELD ECONOMICALLY SIGNIFICANT TONNAGES WITH FAVOURABLE SILVER-LEAD RATIOS.

WORK DONE: GEOL 1:500,1:100
ROCK 18;MULTIELEMENT
LSUR 1:5000
USUR 1:100
ROAD 7.0 KM
PITS 8
REFERENCES: A.R. 15309
M.I. 082FNE051-GREAT DANE

VULCAN

MINING DIV: FORT STEELE ASSESSMENT REPORT 15239 INFO CLASS 4
LOCATION: LAT. 49 47.0 LONG. 116 21.8 NTS: 82F/16W
CLAIMS: VULCAN 3, VULCAN 12-13
OPERATOR: COMINCO
AUTHOR: VISSER, S.
DESCRIPTION: THE VULCAN CLAIMS ARE UNDERLAIN BY THE CLASTIC SEDIMENTS OF THE MIDDLE AND LOWER ALDRIDGE FORMATION OF PROTEROZOIC AGE. MINOR GALENA-SPHALERITE MINERALIZATION IS PRESENT LOCALLY. GEOPHYSICAL SURVEY RESULTS HAVE EXTENDED A PREVIOUSLY OUTLINED WEAK UTEM CONDUCTOR.
WORK DONE: EMGR 8.2 KM;UTEM
LINE 9.3 KM
REFERENCES: A.R. 15239

FERNIE 82G

FLATHEAD

MINING DIV: FORT STEELE ASSESSMENT REPORT 15359 INFO CLASS 3
LOCATION: LAT. 49 10.2 LONG. 114 35.8 NTS: 82G/ 2E
CLAIMS: FLATHEAD 2, FLATHEAD 4-6, FLATHEAD 8-10, FLATHEAD 12
OPERATOR: DOME EX. (CAN.)
AUTHOR: FOX, P. CAMERON, R.
DESCRIPTION: A BLOCK FAULTED ASSEMBLAGE OF DEVONIAN,

MISSISSIPPIAN AND PERMIAN LIMESTONES, DOLOMITES, SHALES AND QUARTZITES HAVE BEEN INTRUDED BY CRETACEOUS TRACHYTE STOCKS. LOCAL CONTACT EFFECTS INCLUDE SILICIFICATION AND FORMATION OF MARBLE AND CALC-SILICATE SKARN. GOLD SOIL ANOMALIES OCCUR OVER THE STOCKS AND SURROUNDING LIMESTONES.

WORK DONE: SOIL 545;MULTIELEMENT
ROCK 63;MULTIELEMENT
REFERENCES: A.R. 14162,15359

HOWE

MINING DIV: FORT STEELE ASSESSMENT REPORT 15035 INFO CLASS 3
LOCATION: LAT. 49 13.0 LONG. 114 38.5 NTS: 82G/ 2E
CLAIMS: HOWE 1
OPERATOR: DOME EX. (CAN.)
AUTHOR: CAMERON, R. FOX, P.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY DEVONIAN FAIRHOLME FORMATION LIMESTONES WHICH ARE THRUSTED OVER A SEQUENCE OF TRIASSIC SPRAY RIVER FORMATION SHALES AND SILTSTONE, PERMO-PENNSYLVANIAN ROCKY MOUNTAIN FORMATION QUARTZ ARENITE AND MISSISSIPPIAN RUNDLE GROUP LIMESTONES. CLAY ALTERED TRACHYTE INTRUSIONS ARE ALSO PRESENT. A STRONG, LINEAR ARSENIC SOIL ANOMALY WAS IDENTIFIED.
WORK DONE: GEOL 1:5000
SOIL 266;MULTIELEMENT
ROCK 38;MULTIELEMENT
LINE 14.0 KM
REFERENCES: A.R. 15035

HOWELL

MINING DIV: FORT STEELE ASSESSMENT REPORT 15095 INFO CLASS 3
LOCATION: LAT. 49 13.5 LONG. 114 42.0 NTS: 82G/ 2E
CLAIMS: HOWELL 1-5
OPERATOR: COMINCO
AUTHOR: CASSELMAN, M.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PROTEROZOIC, PALEOZOIC AND MESOZOIC SEDIMENTS AND CRETACEOUS TO TERTIARY PYRITIC AND ALTERED TRACHYTE-SYENITE PLUTONS, DYKES AND SILLS. THESE ROCKS ARE CUT BY A COMPLEX SYSTEM OF NORMAL AND THRUST FAULTS. OUTCROPS ARE SPARSE. MINERALIZATION ON THE PROPERTY CONSISTS OF PYRITE, BROOKITE, BITUMEN, MINOR FLUORITE, BARITE, GALENA, SPHALERITE AND CHALCOPY-

RITE.

WORK DONE: GEOL 1:5000
SOIL 651;PB,AU,AG
ROCK 136;PB,AU,AG
REFERENCES: A.R. 3162,3785,6387,15095

BAR

MINING DIV: FORT STEELE ASSESSMENT REPORT 14782 INFO CLASS 3
LOCATION: LAT. 49 27.0 LONG. 115 55.5 NTS: 82G/ 5W
CLAIMS: BAR 8
OPERATOR: NORANDA EX.
AUTHOR: MCDONALD, J.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY PROTEROZOIC QUARTZITES, WACKES, SILTSTONES AND MUDSTONES OF THE MIDDLE ALDRIDGE FORMATION. A NORTH-SOUTH ANTICLINE PLUNGING TO THE NORTH CROSSES THE CENTRAL PORTION OF THE CLAIM GROUP(S) . BEDS DIP SHALLOWLY TO THE NORTHWEST OR THE NORTHEAST DEPENDING ON WHICH LIMB OF THE FOLD THEY ARE ON. A THICK INTRAFORMATIONAL CONGLOMERATE REPRESENTING THE BASE OF A SUB-BASIN IS ENRICHED WITH STRATIFORM IRON SULPHIDES IN THE FORM OF NUMEROUS PYRRHOTITE LAMINATIONS AND DISSEMINATIONS. THIS INTERVAL MAY REPRESENT THE DISTAL PART OF A STRATIFORM IRON-SULPHIDE APRON ASSOCIATED WITH A SULLIVAN TYPE ORE BODY.
WORK DONE: DIAD 940.3 M;1 HOLE,NQ,BQ
REFERENCES: A.R. 14548,14782

BAR

MINING DIV: FORT STEELE ASSESSMENT REPORT 14823 INFO CLASS 4
LOCATION: LAT. 49 29.3 LONG. 115 56.5 NTS: 82G/ 5W
CLAIMS: BAR 19
OPERATOR: NORANDA EX.
AUTHOR: MCDONALD, J.
DESCRIPTION: THE BAR 19 MINERAL CLAIM IS UNDERLAIN BY PROTEROZOIC AGE ROCKS OF THE CRESTON AND ALDRIDGE FORMATIONS. A GENTLY NORTH PLUNGING ANTICLINE CROSSES THE CLAIM AS WELL AS A MAJOR NORTH-EASTERLY TRENDING FAULT WITH NORMAL MOVEMENT. BEDS DIP GENTLY TO THE NORTHEAST OR NORTHWEST DEPENDING UPON WHICH LIMB AT THE FOLD THEY ARE ON. SOIL SURVEY RESULTS ARE LOW.
WORK DONE: SOIL 49;CU,PB,ZN,AG,MO
REFERENCES: A.R. 14823

PAY ROLL

MINING DIV: FORT STEELE ASSESSMENT REPORT 14724 INFO CLASS 2
LOCATION: LAT. 49 25.9 LONG. 115 56.2 NTS: 82G/ 5W
CLAIMS: NEG 1, NEG 3
OPERATOR: COMINCO
AUTHOR: PIGHIN, D.
COMMODITIES: GOLD, SILVER, COPPER, LEAD
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY QUARTZITIC WACKE, QUARTZ WACKE, WACKE AND GABBRO SILLS. THESE ROCKS WHICH ARE PRECAMBRIAN IN AGE ARE MEMBERS OF THE MIDDLE ALDRIDGE FORMATION. THESE SEDIMENTS DIP GENTLY NORTH AND NORTHEAST. THE AREA IS CUT BY A NUMBER OF NORTHWEST TRENDING NORMAL FAULTS AND MINOR EAST-WEST REVERSE FAULTS. GALENA, SPHALERITE AND IRON SULPHIDES ARE FOUND IN VEINS AND AS DISSEMINATIONS. THE MAJOR VEINS STRIKE NORTHWEST AND MINOR VEINS STRIKE EAST-WEST.
WORK DONE: DIAD 1097.8 M;1 HOLE,HQ
REFERENCES: A.R. 10603,14724
M.I. 082GSW037-PAY ROLL

CEDAR

MINING DIV: FORT STEELE ASSESSMENT REPORT 15051 INFO CLASS 4
LOCATION: LAT. 49 22.8 LONG. 115 16.1 NTS: 82G/ 6E 82G/ 6W
CLAIMS: CEDAR 1-3, CEDAR 5
OPERATOR: STANFIELD, R.
AUTHOR: ALLEN, A.

DESCRIPTION: CONFIDENTIAL STATUS

(Will be published in *Exploration in British Columbia 1987*.)

ASPEN

MINING DIV: FORT STEELE ASSESSMENT REPORT 15030 INFO CLASS 4
LOCATION: LAT. 49 26.6 LONG. 115 23.3 NTS: 82G/ 6W
CLAIMS: ASPEN 3
OPERATOR: STANFIELD, R.
AUTHOR: ALLEN, A.

DESCRIPTION: CONFIDENTIAL STATUS

(Will be published in *Exploration in British Columbia 1987*.)

DARCY

MINING DIV: FORT STEELE ASSESSMENT REPORT 15293 INFO CLASS 4
LOCATION: LAT. 49 40.5 LONG. 115 24.6 NTS: 82G/11W
CLAIMS: DARCY 2-6
OPERATOR: DIA MET MIN.
AUTHOR: FIPKE, C.
DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY PRECAMBRIAN AND LOWER PALEOZOIC SEDIMENTARY ROCKS.
WORK DONE: HMIN 37;MULTIELEMENT
REFERENCES: A.R. 10289,12469,15293

DIBBLE

MINING DIV: FORT STEELE ASSESSMENT REPORT 15052 INFO CLASS 3
LOCATION: LAT. 49 35.6 LONG. 115 26.1 NTS: 82G/11W
CLAIMS: AX, LAST CHANCE, FOSTER, RICHMOND HILL, EMERAL
OPERATOR: BABCOCK, G.
AUTHOR: OLFERT, E.
COMMODITIES: COPPER, SILVER, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PRECAMBRIAN CRESTON FORMATION SEDIMENTS. QUARTZ VEINS WITH ARGENTITE AND TETRAHEDRITE MINERALIZATION STRIKE SUBPARALLEL (EAST) TO THE HOST ROCKS WITH STEEP DIPS. ANOMALOUS MULTIELEMENT SOIL ZONES WERE IDENTIFIED.
WORK DONE: GEOL 1:1000,1:250
SOIL 425;CU,AG
SILT 7;CU,AG
ROCK 69;CU,AG
REFERENCES: A.R. 8864,10415,11223,15052
M.I. 082GNW003-DIBBLE

STEEPLES

MINING DIV: FORT STEELE ASSESSMENT REPORT 14711 INFO CLASS 3
LOCATION: LAT. 49 33.5 LONG. 115 30.0 NTS: 82G/11W 82G/12E
CLAIMS: STEEPLES 2, STEEPLES 5, STEEPLES 8, STEEPLES 26
STEEPLES 28, STEEPLES 35, STEEPLES 39
OPERATOR: STANFIELD, R.
AUTHOR: ALLEN, A.
DESCRIPTION: PROTEROZOIC AGE ALDRIDGE, CRESTON, KITCHENER AND SIYEH FORMATIONS CONSISTING OF QUARTZITES, DOLO-

MITES, LIMESTONES AND ARGILLITES UNDERLIE MOST OF THE PROPERTY. MAJOR FAULTING EXPOSE PALEOZOIC, DEVONIAN, AND MISSISSIPPIAN AGE FORMATIONS ON THE NORTHEAST AND SOUTHWEST AREAS OF THE PROPERTIES. GRANITIC AND DIORITIC DYKES AND IRREGULAR INTRUSIVES ALSO OCCUR.
WORK DONE: ROTD 849.5 M;15 HOLES
REFERENCES: A.R. 14711

A1

MINING DIV: FORT STEELE ASSESSMENT REPORT 15036 INFO CLASS 3
LOCATION: LAT. 49 42.8 LONG. 115 32.0 NTS: 82G/12E
CLAIMS: A1
OPERATOR: JUSTICE MIN.
AUTHOR: GROVES, W.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY PROTEROZOIC CRESTON FORMATION PHYLLITES AND ALDRIDGE FORMATION ARGILLITES. THE ONE METRE THICK SULPHIDE-BEARING DARDANELLES QUARTZ VEIN DIPS 25 DEGREES TO THE SOUTHEAST AND APPARENTLY OCCUPIES A THRUST FAULT PLANE. GOLD SOIL ANOMALIES HAVE BEEN OUTLINED.
WORK DONE: SOIL 172;MULTIELEMENT
SILT 10;MULTIELEMENT
REFERENCES: A.R. 12252,15036

KOOTENAY KING

MINING DIV: FORT STEELE ASSESSMENT REPORT 15174 INFO CLASS 3
LOCATION: LAT. 49 43.7 LONG. 115 35.1 NTS: 82G/12E
CLAIMS: KK 1-4, KK 9, KING 1-5, MIN. LEASE M52
OPERATOR: COMINCO
AUTHOR: LAJOIE, J.
COMMODITIES: SILVER, LEAD, ZINC
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A STEEPLY DIPPING TO OVERTURNED SUCCESSION OF QUARTZITES, GREYWACKES AND ARGILLITES OF THE ALDRIDGE FORMATION. THIS SEQUENCE IS UNDERLAIN BY THE FORT STEELE FORMATION AND OVERLAIN BY THE CRESTON FORMATION. MINERALIZATION CONSISTS OF A FINE GRAINED MIXTURE OF PYRITE, SPHALERITE AND GALENA IN ARGILLITE AND IMPURE QUARTZITE AND OCCURS IN THE CREST AND ADJOINING LIMBS OF A CLOSED ANTICLINE WHICH PLUNGES GENTLY NORTH. GEOPHYSICAL SURVEY RESULTS IDENTIFIED SEVERAL UTEM CONDUCTORS.
WORK DONE: EMGR 22.3 KM;UTEM

LINE 11.0 KM
ROAD 1.0 KM
REFERENCES: A.R. 3324,3325,5245,8455,15174
M.I. 082GNW009-KOOTENAY KING

PAUL

MINING DIV: FORT STEELE ASSESSMENT REPORT 14835 INFO CLASS 3
LOCATION: LAT. 49 45.0 LONG. 115 41.7 NTS: 82G/12E 82G/13E
CLAIMS: PAUL 3, MIKE 5
OPERATOR: BEARCAT EX.
AUTHOR: FIPKE, C.
DESCRIPTION: THE CLAIMS ARE PARTIALLY UNDERLAIN BY PROTEROZOIC FORT STEELE FORMATION QUARTZITES, SILTSTONES AND ARGILLITES. THE DRILL HOLES DID NOT ENCOUNTER BEDROCK.
WORK DONE: ROTD 545.0 M;3 HOLES
REFERENCES: A.R. 10289,11612,13689,14835

PEAK

MINING DIV: FORT STEELE ASSESSMENT REPORT 14673 INFO CLASS 3
LOCATION: LAT. 49 40.0 LONG. 115 33.5 NTS: 82G/12E
CLAIMS: PEAK 1-2
OPERATOR: IMPERIAL METALS
AUTHOR: CORVALAN, I.
DESCRIPTION: THE AREA IS UNDERLAIN BY THE FOLLOWING FORMATIONS OF THE PROTEROZOIC PURCELL SUPER GROUP (A) KITCHENER, UPPER UNIT ; (B) CRESTON; (C) ALDRIDGE, DOLOMITE, ARGILLITE, GREY SILTITE . THE AREA INVESTIGATED IS COVERED BY A THICK LAYER OF ALLUVIAL MATERIAL IN THE LOWER SECTOR. IN THE UPPER SECTOR ARE TWO OUTCROPS, 25 METRES APART, OF A QUARTZ VEIN WITH SOME LIMONITE. THE VEIN STRIKES EAST-WEST.
WORK DONE: SOIL 225;MULTIELEMENT
ROCK 10;MULTIELEMENT
REFERENCES: A.R. 13106,14673

PINE

MINING DIV: FORT STEELE ASSESSMENT REPORT 15382 INFO CLASS 3
LOCATION: LAT. 49 38.3 LONG. 115 49.7 NTS: 82G/12W
CLAIMS: PINE 1, PINE 4-5
OPERATOR: VICTORIA RES.
AUTHOR: MARK, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PROTEROZOIC ALDRIDGE, CRESTON AND KITCHENER FORMATION SEDIMENTS AND CAMBRIAN EAGER FORMATION SEDIMENTS INTRUDED BY CRETACEOUS QUARTZ MONZONITE. THE GEOPHYSICAL SURVEY IDENTIFIED SEVERAL INDUCED POLARIZATION CONDUCTORS.
WORK DONE: IPOL 12.1 KM
REFERENCES: A.R. 15382

HOT 1

MINING DIV: FORT STEELE ASSESSMENT REPORT 14855 INFO CLASS 4
LOCATION: LAT. 49 49.0 LONG. 115 28.8 NTS: 82G/14W
CLAIMS: WILD 1-2
OPERATOR: DOME EX. (CAN.)
AUTHOR: GOODALL, G. FOX, P.
COMMODITIES: COPPER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY A SEQUENCE OF CAMBRIAN-ORDOVICIAN AGE CARBONATES THAT OCCUR AS A NORTHERLY TRENDING, TIGHTLY FOLDED, OVERTURNED ANTICLINE. IRREGULAR PLUGS AND DYKES OF FELDSPAR PORPHYRY INTRUDE THE SEDIMENTARY SEQUENCE WITH ASSOCIATED QUARTZ VEINING AND DISSEMINATED PYRITE. SOIL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: SOIL 60;MULTIELEMENT
LINE 6.0 KM
REFERENCES: A.R. 7896,11078,12989,14855
M.I. 082GNW050-HOT 1

ELK

MINING DIV: FORT STEELE ASSESSMENT REPORT 15280 INFO CLASS 4
LOCATION: LAT. 49 46.5 LONG. 114 53.0 NTS: 82G/15W
CLAIMS: ELK
OPERATOR: MYLES, R.
AUTHOR: MUSIL, B.
DESCRIPTION: THE CLAIM IS COVERED BY ALLUVIUM, INCLUDING RUSTY GRAVEL. THERE IS NO VISIBLE MINERALIZATION.
WORK DONE: PROS 1:6250
REFERENCES: A.R. 15280

FERNIE 82G

KOKO-1

MINING DIV: FORT STEELE ASSESSMENT REPORT 15281 INFO CLASS 4
LOCATION: LAT. 49 51.0 LONG. 114 53.5 NTS: 82G/15W
CLAIMS: KOKO-1
OPERATOR: MUSIL, B.
AUTHOR: MUSIL, B.
DESCRIPTION: DRILLING INTERSECTED 16 METRES OF OVERBURDEN AND 26.7 METRES OF MESOZOIC BLACK SHALE BEDROCK.
WORK DONE: ROTD 42.7 M;1 HOLE
PROS 1:12500
RECL
REFERENCES: A.R. 15281

CANAL FLATS 82J

D.P., CANDY

MINING DIV: GOLDEN ASSESSMENT REPORT 14677 INFO CLASS 3
LOCATION: LAT. 50 13.0 LONG. 115 8.0 NTS: 82J/ 3E
CLAIMS: DP 1-3, CANDY
OPERATOR: GRAF, C.
AUTHOR: GRAF, C.
DESCRIPTION: A DEVONIAN AGE PLATFORM CARBONATE SEQUENCE INCLUDES A LARGE ALTERATION ZONE (0.5 KILOMETRES BY 1.0 KILOMETRE) OF CARBONATIZATION AND PYRITIZATION. DISSEMINATED AND MASSIVE PURPLE FLUORITE MINERALIZATION IS WIDESPREAD AS FLOAT ALONG SIDEHILLS AND CAT-TRACTOR TRAILS.
WORK DONE: GRSG 2.5 KM
PETR 4
MNGR 9
PROS 1:10000
ROAD 0.2 KM
REFERENCES: A.R. 6978,7830,9960,14677

ROCKY TOP

MINING DIV: GOLDEN ASSESSMENT REPORT 15195 INFO CLASS 3
LOCATION: LAT. 50 7.5 LONG. 116 9.7 NTS: 82K/ 1E
CLAIMS: OLD CHUM, ALPINE, ROCKY TOP 4-7, ROCKY TOP
OPERATOR: COMINCO
AUTHOR: MAWER, A.
COMMODITIES: LEAD, ZINC, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY SEDIMENTS OF THE PROTEROZOIC PURCELL SUPER GROUP. THE MAIN SHOWING CONSISTS OF A FLAT LYING ALBITIZED AND SILICIFIED ZONE WITHIN GREEN SILTSTONE AND DARK PYRITIC ARGILLITE OF THE LOWER CRESTON FORMATION. THE MINERALIZED ZONE VARIES FROM ONE TO THREE METRES IN THICKNESS AND CONTAINS PYRITE, GALENA AND SPHALERITE. A LOWER NARROW BAND OF 20-40 CENTIMETRES HAS 16 GRAMMES SILVER, 2.2 PER CENT LEAD AND 3.7 PER CENT ZINC. THE POTENTIAL TONNAGE IS LIMITED TO THE AREA OF EXPOSURE. THE LOWER BAND HAS "GREENOCKITE" AND AVERAGES 41 PPM CADMIUM.
WORK DONE: GEOL 1:10000
SOIL 738;PB,ZN,CU,AG
ROCK 40;PB,ZN,CU,AG
REFERENCES: A.R. 12635,15195
M.I. 082KSE081-ROCKY TOP

GOLDPOT

MINING DIV: SLOCAN ASSESSMENT REPORT 15001 INFO CLASS 4
LOCATION: LAT. 50 2.7 LONG. 116 55.7 NTS: 82K/ 2W
CLAIMS: GOLDPOT
OPERATOR: STEWART, R.
AUTHOR: BREWER, L.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY SEDIMENTS AND SCHISTS OF THE CAMBRIAN-DEVONIAN LARDEAU GROUP. TWO MAIN VLF ELECTROMAGNETIC CONDUCTORS WERE IDENTIFIED FROM THE AIRBORNE SURVEY RESULTS. A MAGNETOMETER SURVEY WAS DONE AT THE SAME TIME. ONE LOW ORDER MAGNETIC ANOMALY CORRESPONDS WITH A MAPPED OUTCROP OF THE KASLO GROUP.
WORK DONE: MAGA 37.5 KM
EMAB 37.5 KM;VLF
REFERENCES: A.R. 12286,15001

BEAVER (L.2504)

MINING DIV: SLOCAN ASSESSMENT REPORT 15122 INFO CLASS 3
LOCATION: LAT. 50 2.4 LONG. 117 3.2 NTS: 82K/ 3E
CLAIMS: BEAVER, SUMMIT, NORTHSTAR, CLIFF
OPERATOR: KIRK, T.
AUTHOR: KREGOSKY, R.
COMMODITIES: SILVER, LEAD, COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY METAMORPHOSED ANDESITES OF THE PERMIAN-TRIASSIC KASLO GROUP WHICH ARE INTRUDED BY ULTRAMAFIC SERPENTINITE SILLS AND DYKES. QUARTZ VEINS WITH GALENA AND CHALCOPYRITE MINERALIZATION OCCUR IN NORTHERLY TRENDING STRUCTURES AND ARE ASSOCIATED WITH APLITE DYKES AND SILLS. THE GEOCHEMICAL AND SABRE VLF-ELECTROMAGNETIC GEOPHYSICAL SURVEYS RETURNED ANOMALOUS RESULTS.
WORK DONE: GEOL 1:2500
EMGR 5.6 KM;VLF
SOIL 356;CU,PB,AG
REFERENCES: A.R. 1997,15122
M.I. 082KSW046-BEAVER (L.2504)

LAKESIDE

MINING DIV: SLOCAN ASSESSMENT REPORT 15137 INFO CLASS 4
LOCATION: LAT. 50 2.5 LONG. 117 11.5 NTS: 82K/ 3E
CLAIMS: LAKESIDE
OPERATOR: GOLDSMITH, L.
AUTHOR: GOLDSMITH, L.
DESCRIPTION: TRIASSIC-JURASSIC SLOCAN GROUP ARGILLITE AND POSSIBLY LIMESTONE UNDERLIE THE CLAIMS.
WORK DONE: MAGG 1.0 KM
REFERENCES: A.R. 15137

MCALLISTER, JO JO, MINER BOY, SILVER KING, MILTON

MINING DIV: SLOCAN ASSESSMENT REPORT 14656 INFO CLASS 3
LOCATION: LAT. 50 2.3 LONG. 117 14.0 NTS: 82K/ 3E 82K/ 3W
CLAIMS: AVALANCHE, MAPLE, ALPINE, ASPEN 1-6
OPERATOR: NORANDA EX.
AUTHOR: MCDONALD, J. BRADISH, L.
COMMODITIES: COPPER, LEAD, ZINC, SILVER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY TRIASSIC-AGE SLOCAN GROUP ROCKS WHICH CONSIST OF SLATES, PHYLLITES AND DISTINCT BANDS OF LIMESTONE AND QUARTZITIC AND CALCAREOUS HORIZONS. THE ROCKS STRIKE NORTHWEST

WITH STEEP SOUTHWESTERLY DIPS. FAULTING IN THE AREA IS PRONOUNCED. GEOCHEMICAL SOIL SURVEY RESULTS SHOW SEVERAL DISTINCT COINCIDENT COPPER-LEAD-ZINC-SILVER ANOMALIES TRENDING NORTHWEST. TWO ANOMALOUS ZONES ARE EVIDENT FROM THE GEOPHYSICAL INDUCED POLARIZATION RESULTS. THERE IS NO ASSOCIATED MAGNETIC RESPONSE.

WORK DONE: MAGG 0.7 KM
IPOL 0.7 KM
SOIL 649;CU,PB,ZN,AG

REFERENCES: A.R. 14656
M.I. 082KSW025-MCALLISTER;082KSW026-JO-JO;082KSW027-MINER BOY;082KSW084-SILVER KING;082KSW135-MILTON

MERIT M

MINING DIV: SLOCAN ASSESSMENT REPORT 14343 INFO CLASS 3
LOCATION: LAT. 50 1.0 LONG. 117 13.0 NTS: 82K/ 3E
CLAIMS: MERIT M
OPERATOR: MURJOH RES.
AUTHOR: CHUNG, P.

DESCRIPTION: PHYLLITES, SLATES AND LIMESTONES OF THE TRIASSIC-JURASSIC AGE SLOCAN GROUP UNDERLIE THE PROPERTY AND ARE INTRUDED BY FELSIC INTRUSIVES OF THE CRETACEOUS AGE NELSON BATHOLITH. BEDDING ATTITUDES TEND TO STRIKE IN A NORTHWESTERLY DIRECTION WITH STEEP DIPS TO THE WEST. HOWEVER, FOLDS IN THE AREA CAUSE VARIATIONS IN THE PRIMARY BEDDING ATTITUDES.

WORK DONE: GEOL 1:5000
MAGG 4.5 KM
EMGR 4.5 KM;VLF
ROCK 2;AG,AU,ZN
LINE 4.5 KM

REFERENCES: A.R. 14343
GSC MEM. 173, 184
GSC MAP 273A

SILVER

MINING DIV: SLOCAN ASSESSMENT REPORT 14888 INFO CLASS 4
LOCATION: LAT. 50 2.2 LONG. 117 11.1 NTS: 82K/ 3E
CLAIMS: SILVER
OPERATOR: MURJOH RES.
AUTHOR: LINN, M.

DESCRIPTION: THE PROPERTY IS UNDERLAIN BY ARGILLITES, PHYLLITES, QUARTZITE, AND LIMESTONE BELONGING TO

THE TRIASSIC AGE SLOCAN GROUP. SOIL SURVEY RESULTS ARE NEGLIGIBLE.
WORK DONE: SOIL 56;AG,PB,ZN
REFERENCES: A.R. 14888

SMOKE

MINING DIV: SLOCAN ASSESSMENT REPORT 15158 INFO CLASS 3
LOCATION: LAT. 50 0.5 LONG. 117 14.5 NTS: 82K/ 3E
CLAIMS: SMOKE 1-3
OPERATOR: MURJOH RES.
AUTHOR: LINN, M.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY ARGILLITE AND LIMY SLATES OF THE UPPER TRIASSIC-JURASSIC SLOCAN GROUP WHICH ARE INTRUDED BY QUARTZ - FELDSPAR PORPHYRY DYKES AND SILLS. THE GEOCHEMICAL SOIL SURVEY RETURNED ANOMALOUS SILVER VALUES.
WORK DONE: SOIL 112;AG,PB,ZN
REFERENCES: A.R. 15158

ANTON, BOBBIE

MINING DIV: SLOCAN ASSESSMENT REPORT 14947 INFO CLASS 3
LOCATION: LAT. 50 4.0 LONG. 117 29.0 NTS: 82K/ 3W 82K/ 4E
CLAIMS: ANTON 2-3, BOBBIE 1
OPERATOR: SILVERA RES.
AUTHOR: SCHUTZE, J.
DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY METAVOLCANICS AND METASEDIMENTS OF THE SLOCAN AND MILFORD GROUPS. ISOLATED ANOMALOUS GOLD SOIL VALUES OCCUR.
WORK DONE: SOIL 226;AU
REFERENCES: A.R. 7339,8402,9175,11646,14947

LYNN, ALAMO

MINING DIV: SLOCAN ASSESSMENT REPORT 14797 INFO CLASS 3
LOCATION: LAT. 50 1.5 LONG. 117 15.5 NTS: 82K/ 3W
CLAIMS: ALAMO, ALAMO 2
OPERATOR: MINOTAUR EX.
AUTHOR: LINN, M.
DESCRIPTION: THREE LITHOLOGICAL UNITS UNDERLIE THE CLAIM AREA: THE SLOCAN GROUP OF METASEDIMENTS, THE KASLO GROUP VOLCANICS, AND INTRUSIVES OF THE NELSON BATHOLITH. THE JURASSIC OR LATE TRIASSIC AGE ARGILLITES, PHYLLITES, QUARTZITES AND CALCAREOUS SHALES OF THE

SLOCAN GROUP ARE DOMINANT. GEOCHEMICAL SOIL SAMPLES CONTAIN ANOMALOUS VALUES OF SILVER AND ZINC.

WORK DONE: GEOL 1:5000
SOIL 150;PB,ZN,AG
ROCK 8;ZN,AG,AU
REFERENCES: A.R. 14797

DORE

MINING DIV: SLOCAN ASSESSMENT REPORT 14179 INFO CLASS 4
LOCATION: LAT. 50 4.5 LONG. 117 39.5 NTS: 82K/ 4E
CLAIMS: SUNSHINE, DORE, SUB 1-2
OPERATOR: TILLICUM GOLD MINES
AUTHOR: GEORGE, J.

DESCRIPTION: UPPER MISSISSIPPIAN TO PENNSYLVANIAN OR PERMIAN AGE MILFORD GROUP AND TRIASSIC TO LOWER JURASSIC AGE SLOCAN GROUP METAVOLCANICS, METASEDIMENTS AND FLOWS ARE ENVELOPED BY STOCKS AND PLUGS WITH QUARTZ VEINS. MINERALIZATION INCLUDES PYRITE, PYRRHOTITE, AND ARSENOPYRITE. FOUR SOIL SAMPLES CONTAIN 16-105 PPB GOLD IN A CONDUCTIVE AREA. A PHOENIX VLF-2 AND A SUNTREX 64 PROTON MAGNETOMETER SURVEY WAS ALSO COMPLETED.

WORK DONE: MAGG 2.0 KM
EMGR 2.0 KM
SOIL 36;AU
REFERENCES: A.R. 14179

WESTERN X-10

MINING DIV: SLOCAN ASSESSMENT REPORT 15061 INFO CLASS 3
LOCATION: LAT. 50 5.5 LONG. 117 57.5 NTS: 82K/ 4W
CLAIMS: WESTERN X-10
OPERATOR: CRUISE MIN.
AUTHOR: HALL, B.

DESCRIPTION: OUTCROP IS ABSENT IN THE GRID AREA. ACCORDING TO MAPPING BY THE GEOLOGICAL SURVEY OF CANADA THE PROPERTY IS UNDERLAIN BY INTRUSIVE ROCKS OF THE CARIBOU CREEK PLUTON AND METAMORPHIC ROCKS OF THE SHUSWAP METAMORPHIC COMPLEX. A NORTHEASTERLY TRENDING SOIL ANOMALY FOR COPPER, NICKEL, AND CHROMIUM IS PRESENT IN THE NORTHERN PART OF THE PROPERTY.

WORK DONE: MAGG 9.3 KM
EMGR 9.3 KM;VLF

SOIL 180;MULTIELEMENT
LINE 9.3 [illegible]
REFERENCES: A.R. 13433,15061

CALUMET AND HECLA, TOPSEY

MINING DIV: SLOCAN ASSESSMENT REPORT 14519 INFO CLASS 4
LOCATION: LAT. 50 25.4 LONG. 117 9.1 NTS: 82K/ 6E
CLAIMS: CALUMET, GALLO, CALUMET 2
OPERATOR: MURJOH RES.
AUTHOR: LINN, M.
COMMODITIES: SILVER
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY PALEOZOIC AGE ROCKS OF THE INDEX FORMATION. LIMY CHLORITE SCHIST, MASSIVE GREENSTONE, PHYLLITES, AND PHYLLITIC QUARTZITE WERE THE ROCK TYPES MOST ABUNDANT IN THE AREAS WORKED. MINERALIZATION CONSISTS OF A QUARTZ VEIN CARRYING SILVER VALUES. SOIL SURVEY RESULTS ARE MARGINALLY ANOMALOUS.
WORK DONE: SOIL 67;CU,ZN,AG,AU
ROCK 8;AU,AG
REFERENCES: A.R. 8483,8862,9801,10129,11813,14519
M.I. 082KSW094-CALUMET AND HECLA,082KSW121-TOPSEY

GRIZZLY

MINING DIV: SLOCAN ASSESSMENT REPORT 14502 INFO CLASS 3
LOCATION: LAT. 50 19.1 LONG. 117 1.9 NTS: 82K/ 6E
CLAIMS: GRIZZLY, GRIZZLY 2-3
OPERATOR: MURJOH RES.
AUTHOR: CHUNG, P.
COMMODITIES: SILVER, COPPER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY SCHISTS OF THE PALEOZOIC OR PRECAMBRIAN AGE INDEX FORMATION. THE GEOPHYSICAL SURVEYS HAVE IDENTIFIED A NORTHWEST TRENDING STRUCTURE WITH CORRESPONDING VLF-ELECTROMAGNETIC AND MAGNETIC SIGNATURES.
WORK DONE: MAGG 32.7 KM
EMGR 32.7 KM;VLF
SOIL 205;MULTIELEMENT
ROCK 9;AU,AG,CU
LINE 37.1 KM
ROAD 0.7 KM
REFERENCES: A.R. 14502
M.I. 082KSW056-GRIZZLY

CHARLEMONT

MINING DIV: GOLDEN ASSESSMENT REPORT 15101 INFO CLASS 4
LOCATION: LAT. 50 20.0 LONG. 116 21.8 NTS: 82K/ 8W
CLAIMS: SILVER 1-2
OPERATOR: MANDUSA RES.
AUTHOR: VON EINSIEDEL, C KRAFT, T.
COMMODITIES: SILVER, LEAD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY DOLOMITIC LIMESTONE WITH INTERCALATED ARGILLITES OF THE PROTEROZOIC AGE DUTCH CREEK, KITCHENER AND SIYEH FORMATIONS. MINERALIZATION CONSISTS OF GALENA, SPHALERITE, PYRITE AND TETRAHEDRITE IN NORTHWEST TRENDING QUARTZ-CARBONATE VEINS THAT OCCUR IN FRACTURE ZONES DEVELOPED ALONG THE AXIAL TRACE OF FOLDS. TWO SEPARATE VEIN STRUCTURES HAVE BEEN IDENTIFIED.
WORK DONE: GEOL 1:1000
EMGR 3.0 KM;VLF
ROCK 16;CU,PB,ZN,SB,AG
PETR 1 THIN SECTION
LINE 3.0 KM
TREN 5.0 M;1 TRENCH
REFERENCES: A.R. 13657,15101
M.I. 082KSE066-CHARLEMONT

MABEL R

MINING DIV: GOLDEN ASSESSMENT REPORT 15334 INFO CLASS 4
LOCATION: LAT. 50 29.5 LONG. 116 23.8 NTS: 82K/ 8W
CLAIMS: JESSE 1-2, SHANNON 1-2
OPERATOR: CHABOT, R.
AUTHOR: CHABOT, R.
COMMODITIES: SILVER, LEAD
DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY LIMESTONES AND SLATES. MINERALIZATION CONSISTS OF BASE METALS IN QUARTZ FILLED FISSURES WITHIN THE LIMESTONE.
WORK DONE: ROCK 48;MULTIELEMENT
PROS 1:10000
LSUR 1:10000
REFERENCES: A.R. 11739,15334
M.I. 082KSE050-MABEL R

STEAMBOAT

MINING DIV: GOLDEN ASSESSMENT REPORT 15043 INFO CLASS 4
LOCATION: LAT. 50 41.6 LONG. 116 11.4 NTS: 82K/ 9E
CLAIMS: STEAMBOAT, STEAMBOAT 3
OPERATOR: COMINCO
AUTHOR: KLEIN, J.
COMMODITIES: SILVER, LEAD, ZINC, BARIUM, COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER CAMBRIAN MCKAY AND JUBILEE SHALES, LIMESTONES AND DOLOMITES OVERLYING THE LOWER CAMBRIAN CRANBROOK FORMATION. THESE FORMATIONS FORM A STEEPLY DIPPING SYNCLINE THAT PLUNGES GENTLY TO THE NORTH. LEAD-ZINC MINERALIZATION IS FOUND ALONG THE WEST LIMB OF THIS SYNCLINE WITHIN THE JUBILEE DOLOMITES. AN INDUCED POLARIZATION CONDUCTOR MAY BE PRESENT ON THE CLAIMS.
WORK DONE: IPOL 8.5 KM
REFERENCES: A.R. 5880,6200,15043
M.I. 082KNE065-STEAMBOAT

BLONDIE

MINING DIV: GOLDEN ASSESSMENT REPORT 15320 INFO CLASS 3
LOCATION: LAT. 50 34.4 LONG. 116 23.4 NTS: 82K/ 9W .
CLAIMS: BLONDIE 2
OPERATOR: LARRABEE, G.
AUTHOR: PIGHIN, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY STEEPLY DIPPING, THIN BEDDED SEDIMENTS CONSISTING MAINLY OF BLACK GRAPHITIC SLATE, PHYLLITIC ARGILLITE, INTERBEDDED SILTY LIMESTONE, MINOR QUARTZ GRIT, QUARTZ PEBBLE CONGLOMERATE AND RARE LIMESTONE, ALL OF THE PROTEROZOIC HORSETHIEF CREEK GROUP. MINERALIZATION OCCURS IN THE PHYLLITIC ARGILLITE-SILTY LIMESTONE UNIT AND CONSISTS OF PYRRHOTITE, PYRITE, MINOR CHALCOPYRITE AND VERY RARE BISMUTHINITE. THE DRILL HOLES INTERSECTED THE TARGET SULPHIDE HORIZON AT SHALLOW DEPTHS. MINERALIZATION CONSISTS OF PYRRHOTITE, PYRITE, MINOR CHALCOPYRITE AND RARELY, BISMUTHINITE.
WORK DONE: DIAD 143.3 M;2 HOLES,AQ
REFERENCES: A.R. 12270,15320

MAVERICK

MINING DIV: GOLDEN ASSESSMENT REPORT 15097 INFO CLASS 3
LOCATION: LAT. 50 34.7 LONG. 116 19.7 NTS: 82K/ 9W
CLAIMS: FALCON 1-2
OPERATOR: COMINCO
AUTHOR: RHODES, D.
COMMODITIES: SILVER, LEAD, ZINC
DESCRIPTION: THE FALCON CLAIM GROUP IS UNDERLAIN BY CAMBRIAN TO DEVONIAN SEDIMENTARY ROCKS. THESE ROCKS ARE PART OF A PALEOZOIC SECTION PRESENT ON THE SLOPES OF MT. FORSTER OVER WHICH PROTEROZOIC ROCKS OF BOTH THE PURCELL AND WINDERMERE SUPER GROUPS HAVE BEEN THRUST BY THE MT. FORSTER - STEAMBOAT MOUNTAIN FAULT. THE MIDDLE CAMBRIAN JUBILEE FORMATION IS HOST FOR ZINC-BEARING BRECCIAS OF KARST ORIGIN ON THE CLAIMS - THE FOCUS OF 1986 EXPLORATION.
WORK DONE: GEOL 1:1500,1:500,1:100
SOIL 135;PB,ZN
ROCK 22;PB,ZN,AG
DIAD 468.0 M;3 HOLES,NQ
SAMP 26;PB,ZN,AG
REFERENCES: A.R. 11053,15097
M.I. 082KNE072-MAVERICK

RATH

MINING DIV: REVELSTOKE ASSESSMENT REPORT 15083 INFO CLASS 3
LOCATION: LAT. 50 44.3 LONG. 117 43.0 NTS: 82K/12E
CLAIMS: RATH 9
OPERATOR: PENROC HOLDINGS
AUTHOR: DISPIRITO, F. WOOD, D.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY PHYLLITES AND PHYLLITIC QUARTZITES OF THE MISSISSIPPIAN AGE MILFORD GROUP. PYRITIC QUARTZ VEIN MINERALIZATION OCCURS. THE SURVEYS IDENTIFIED CONSISTENT ELEVATED TO ANOMALOUS ZINC-SILVER SOIL VALUES.
WORK DONE: MAGG 16.5 KM
EMGR 4.0 KM;VLF
SOIL 324;MULTIELEMENT
REFERENCES: A.R. 13439,15083

MORNING STAR, HUNTER

MINING DIV: REVELSTOKE ASSESSMENT REPORT 15372 INFO CLASS 4
LOCATION: LAT. 50 49.7 LONG. 117 33.6 NTS: 82K/13E
CLAIMS: SILVER BOW, ROYAL, VIVIANS LUCK 2
OPERATOR: TRIPLE M MIN.
AUTHOR: VON EINSIEDEL, C
COMMODITIES: SILVER, LEAD, COPPER, GOLD, ZINC
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY INTERBEDDED LIMESTONE AND PHYLLITIC UNITS OF THE CAMBRIAN-DEVONIAN INDEX FORMATION. MINERALIZATION CONSISTS OF LOW-MEDIUM GRADE REPLACEMENT TYPE DEPOSITS WITHIN LIMESTONES AND CHLORITE SCHISTS.
WORK DONE: GEOL 1:10000
ROCK 4;AG,AU,PB,ZN,CU
REFERENCES: A.R. 15372
M.I. 082KNW074-MORNING STAR;082KNW137-HUNTER

OHIO

MINING DIV: REVELSTOKE ASSESSMENT REPORT 15224 INFO CLASS 4
LOCATION: LAT. 50 48.2 LONG. 117 30.2 NTS: 82K/13E 82K/14W
CLAIMS: HUNTER, TRAPPER, OHIO
OPERATOR: TRIPLE M MIN.
AUTHOR: VON EINSIEDEL, C
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A THICK SEQUENCE OF COMPLEXLY FOLDED, NORTHWEST STRIKING METASEDIMENTS OF THE CAMBRIAN-DEVONIAN INDEX FORMATION. TWO STYLES OF MINERALIZATION ARE BEING SOUGHT. THE FIRST CONSISTS OF SEDIMENTARY EXHALITIVE ORIGIN, THE SECOND IS EPIGENETIC VEIN TYPE.
WORK DONE: GEOL 1:10000
ROCK 4;AG,AU,PB,ZN,CU
REFERENCES: A.R. 15224

ASBESTOS

MINING DIV: REVELSTOKE ASSESSMENT REPORT 15064 INFO CLASS 4
LOCATION: LAT. 50 45.2 LONG. 117 56.0 NTS: 82K/13W
CLAIMS: CHRYS 2-3
OPERATOR: GRAF, C.
AUTHOR: GRAF, C.
COMMODITIES: ASBESTOS, TALC
DESCRIPTION: AN ULTRAMAFIC SILL INTRUDES SEDIMENTARY ROCKS OF THE BROADVIEW FORMATION (LOWER LARDEAU GROUP) OF MIDDLE PALEOZOIC AGE. THE SILL IS COMMPLETELY ALTERED INTO A SERPENTINE CORE SURROUNDED BY A

LARGER TALC-MAGNESITE ZONE. ABUNDANT CHRYSOTILE VEINLETS OCCUR IN THE CORE AND EXTENSIVE TALC OCCURS OVER A STRIKE LENGTH OF ONE KILOMETRE.
WORK DONE: SILT 3;AU,AG,PT
META 1 MILL TEST
REFERENCES: A.R. 469,470,15064
M.I. 082KNW075-ASBESTOS

UPTOWN

MINING DIV: SLOCAN ASSESSMENT REPORT 15282 INFO CLASS 4
LOCATION: LAT. 50 46.5 LONG. 117 21.0 NTS: 82K/14W
CLAIMS: UPTOWN 1-2
OPERATOR: SMR INVESTMENTS
AUTHOR: VON EINSEDL, C. RICHARDS, D.
DESCRIPTION: ROCKS IDENTIFIED WITHIN THE PROPERTY ARE QUARTZITES AND PHYLLITES POSSIBLY OF THE HAMILL GROUP, BADSHOT LIMESTONE, AND CHLORITE-SERICITE PHYLLITES POSSIBLY OF THE INDEX FORMATION. GALENA AND SPHALERITE FLOAT HAS NOT BEEN TRACED TO ITS SOURCE.
WORK DONE: PROS 1:20000
REFERENCES: A.R. 15282

VERNON 82L

HOLME, ALEX

MINING DIV: VERNON ASSESSMENT REPORT 14391 INFO CLASS 3
LOCATION: LAT. 50 13.0 LONG. 118 22.0 NTS: 82L/ 1W
CLAIMS: BEV 2, HOLME 1, ALEX 1-3, SEVERIDE 3, RAILROAD 9
OPERATOR: MOHAVE OIL & GAS
AUTHOR: COOMBES, S.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY FOLIATED FINE-GRAINED CLASTIC ROCKS OF INTERMEDIATE COMPOSITION OF THE UPPER TRIASSIC SLOCAN GROUP WHICH HAVE UNDERGONE LOWER GREENSCHIST METAMORPHISM. THE FOLIATION IS GENERALLY TRENDING EAST-WEST AND DIPPING MODERATELY TO STEEPLY TO THE NORTH. HEAVY SEDIMENT SAMPLES FROM SEVERAL CREEKS HAVE RETURNED ANOMALOUS VALUES IN GOLD AND SILVER.
WORK DONE: SOIL 216;AU,AG,AS

SILT 7;AU,AG,AS
HMIN 18;AU,AG
PROS 1:5000
ROAD 6.2 KM
REFERENCES: A.R. 14391

J.G.R.

MINING DIV: VERNON ASSESSMENT REPORT 14726 INFO CLASS 4
LOCATION: LAT. 50 12.5 LONG. 118 23.5 NTS: 82L/ 1W
CLAIMS: J.G.R. 1, J.G.R. 3-4
OPERATOR: JOHNSTON, J.
AUTHOR: MORGAN, D.
COMMODITIES: SILVER, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTHWEST TRENDING ARGILLITES AND GREYWACKES OF THE PERMIAN AGE CACHE CREEK GROUP. CONCORDANT QUARTZ VEINS WITHIN THE SEDIMENTS CONTAIN TETRAHEDRITE MINERALIZATION THAT ASSAY UP TO 2075.9 GRAMMES/TONNE SILVER AND 3.15 GRAMMES GOLD PER TONNE.
WORK DONE: GEOL 1:500
ROCK 8;AG,AU
REFERENCES: A.R. 14726
M.I. 082LSE036-J.G.R.

PARADISE, RENOWN, PALADORA, BALLARAT

MINING DIV: VERNON ASSESSMENT REPORT 14611 INFO CLASS 4
LOCATION: LAT. 50 5.0 LONG. 118 25.0 NTS: 82L/ 1W
CLAIMS: GOLDEN MARTEN 1
OPERATOR: LODMELL, R.
AUTHOR: LODMELL, R. LUTJEN, L.
COMMODITIES: GOLD, SILVER, LEAD, ZINC
DESCRIPTION: THE GENERAL AREA OF THE GOLDEN MARTEN CLAIMS IS UNDERLAIN BY GRANITES AND GRANODIORITES OF THE NELSON BATHOLITH. MOST OF THE CLAIM AREA IS COVERED BY OVERBURDEN. FEW OUTCROPS CONSIST OF GRANITIC ROCKS, DARK QUARTZITE AND BASALT. REPORTED OLD WORKINGS WERE NOT ENCOUNTERED.
WORK DONE: PROS 1:5000
REFERENCES: A.R. 12331,14611
M.I. 082LSE002-PARADISE;082LSE004-RENOWN;
082LSE008-PALADORA;082LSE024-BALLARAT

CARRYON, SNAFU

MINING DIV: VERNON ASSESSMENT REPORT 14825 INFO CLASS 4
LOCATION: LAT. 50 10.5 LONG. 118 32.6 NTS: 82L/ 2E
CLAIMS: CARRYON, CARRYON TWO, SNAFU
OPERATOR: ARCHIBALD, T.
AUTHOR: ARCHIBALD, T.
DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY ARGILLITES THAT ARE CUT BY LAMPROPHYRE DYKES. GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: EMGR 14.6 KM;VLF
REFERENCES: A.R. 8993,11892,14825

PITA

MINING DIV: VERNON ASSESSMENT REPORT 14451 INFO CLASS 3
LOCATION: LAT. 50 10.8 LONG. 118 30.5 NTS: 82L/ 2E
CLAIMS: PITA 4, PITA 14, PITA 16
OPERATOR: MOHAWK OIL
AUTHOR: CALLAGHAN, B.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTHWESTERLY TRENDING ARGILLITES AND PORPHYRITIC ANDESITES OF THE PERMIAN AGE CACHE CREEK GROUP. TRENCHING EXPOSED SEDIMENT-VOLCANIC CONTACTS THAT CONTAIN ANOMALOUS ZINC AND SILVER ROCK CHIP VALUES.
WORK DONE: GEOL 1:100
SAMP 18;MULTIELEMENT
TREN 212.0 M;12 TRENCHES
REFERENCES: A.R. 10200,13353,13500,13701,14451

BLUEBIRD

MINING DIV: VERNON ASSESSMENT REPORT 14501 INFO CLASS 4
LOCATION: LAT. 50 12.1 LONG. 118 57.1 NTS: 82L/ 2W
CLAIMS: SATELITE 10-11, LEE 1-2
OPERATOR: 2001 RES. IND.
AUTHOR: NELLES, D.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY A SEQUENCE OF INTERLAYERED METAVOLCANICS AND METASEDIMENTS OF CARBONIFEROUS AND PERMIAN AGE, OVERLAIN TO THE EAST BY JURASSIC-TRIASSIC AGE ANDESITES BELONGING TO THE NICOLA GROUP AND INTRUDED TO THE SOUTH BY ROCKS OF THE JURASSIC AGE VALHALLA PLUTONIC COMPLEX. RESULTS FROM THE GEOCHEMICAL SURVEYS WERE INCONCLUSIVE.
WORK DONE: GEOL 1:25000

ROCK 16;AU
HMIN 7;AU
TREN 65.0 M;2 TRENCHES
REFERENCES: A.R. 14501
M.I. 082LSE003-BLUEBIRD

CHAPUT

MINING DIV: VERNON ASSESSMENT REPORT 14469 INFO CLASS 2
LOCATION: LAT. 50 16.1 LONG. 118 56.4 NTS: 82L/ 2W 82L/ 7W
CLAIMS: CHAPUT 1, CHAPUT 3, CHAPUT 5-6, CHAPUT 14, GAIL
OPERATOR: QUINTO MIN.
AUTHOR: KURAN, D.
COMMODITIES: SILVER, LEAD, ZINC
DESCRIPTION: THE DRILLING PROGRAM REVEALED MINERALIZATION IN PERMIAN AGE CACHE CREEK GROUP ROCKS THAT CONSIST OF INTERMEDIATE TO FELSIC TUFFS WITH INTERCALATED MARINE SEDIMENTS. SIGNIFICANT BUT ERRATIC GOLD VALUES OCCUR IN A QUARTZ FILLED SHEAR ZONE THAT ALSO CONTAINS PYRITE, GALENA, SPHALERITE, PYRRHOTITE, TETRAHEDRITE AND CHALCOPYRITE.
WORK DONE: EMGR 11.4 KM;VLF
DIAD 1396.3 M;13 HOLES,NQ
SAMP 438;AU,AG
REFERENCES: A.R. 6954,14469
M.I. 082LSE006-CHAPUT

BAR

MINING DIV: VERNON ASSESSMENT REPORT 14887 INFO CLASS 4
LOCATION: LAT. 50 15.0 LONG. 119 4.0 NTS: 82L/ 3E 82L/ 6E
CLAIMS: BAR I
OPERATOR: GOLDQUEST I
AUTHOR: GOURLAY, A.
DESCRIPTION: INTERCALATED CONGLOMERATE, AGGLOMERATE, AND ANDESITIC TUFF ARE INTRUDED BY GRANITE AND GNEISSIC ROCKS. THIS FOLLOW-UP SURVEY CONFIRMED A DISTINCT ARSENIC ANOMALY IN SOIL ASSOCIATED WITH GEOCHEMICALLY ANOMALOUS ANTIMONY VALUES.
WORK DONE: SOIL 14;AU,AS
REFERENCES: A.R. 12344,14887

HUN

MINING DIV: VERNON ASSESSMENT REPORT 15291 INFO CLASS 4
LOCATION: LAT. 50 6.0 LONG. 119 7.0 NTS: 82L/ 3E
CLAIMS: HUN 1-2
OPERATOR: AAR RES.
AUTHOR: FIPKE, C.
DESCRIPTION: THE UNDERLYING GEOLOGY CONSISTS OF MONASHEE GROUP GNEISSES, CALC-SILICATES AND PHYLLITES INTRUDED BY LOCALLY SILICEOUS GRANODIORITE TO SYENITE. THE SILICEOUS MASSIVE QUARTZ ZONES ARE SAID TO LOCALLY CONTAIN DISSEMINATED PYRITE AND GOLD VALUES. THE CLAIM AREA IS COVERED TO A LARGE EXTENT BY RECENT GLACIAL-FLUVIAL DEPOSITS.
WORK DONE: SOIL 20;AU,AG,CU,PB,ZN,MO
SILT 25;AU,AG,CU,PB,ZN,MO
REFERENCES: A.R. 11960,12721,14041,15291

BEAU

MINING DIV: VERNON ASSESSMENT REPORT 14905 INFO CLASS 4
LOCATION: LAT. 50 15.0 LONG. 119 28.5 NTS: 82L/ 3W 82L/ 6W
CLAIMS: BEAU
OPERATOR: TOURNIGAN MIN. EX.
AUTHOR:. JENKS, J.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY CARBONIFEROUS TO PERMIAN AGE CACHE CREEK GROUP SEDIMENTS THAT ARE INTRUDED BY JURASSIC AGE GRANITIC ROCKS.
WORK DONE: GEOL 1:5000
ROCK 17;MULTIELEMENT
LINE 6.4 KM
REFERENCES: A.R. 14905

BOND

MINING DIV: VERNON ASSESSMENT REPORT 14511 INFO CLASS 4
LOCATION: LAT. 50 0.8 LONG. 119 33.4 NTS: 82L/ 4E
CLAIMS: BOND 1
OPERATOR: LENARD, N.
AUTHOR: LENARD, N.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PALEOZOIC AGE CACHE CREEK GROUP ANDESITES AND METASEDIMENTS IN CONTACT WITH A QUARTZ DIORITE BORDER PHASE OF THE VERNON PLUTON. QUARTZ VEINS AND STRINGERS WITH PYRITE OCCUR IN THE QUARTZ DIORITE AND SHEAR ZONES IN CACHE CREEK GROUP ROCKS.
WORK DONE: GEOL 1:5000,1:850

SOIL 29;AU,AG
SILT 2;AU,AG
ROCK 10;AU,AG
ROAD 0.3 KM
TREN 57.0 M;6 TRENCHES
PITS 31
REFERENCES: A.R. 12148,14511

GOLD STAR

MINING DIV: VERNON ASSESSMENT REPORT 15394 INFO CLASS 3
LOCATION: LAT. 50 14.0 LONG. 119 40.9 NTS: 82L/ 4E
CLAIMS: GOLD STAR 1
OPERATOR: BRICAN RES.
AUTHOR: KYBA, B.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY ALTERED CRETACEOUS QUARTZ MONZONITE THAT IS IN FAULT CONTACT WITH EOCENE VOLCANICS. HIGH ANGLE NORTH-NORTHWEST TRENDING FAULTS CUT ALL ROCK TYPES. FLAT LYING INTERFLOW TUFFS ARE ARGILLIZED, SILICIFIED AND MINERALIZED LATERALLY AWAY FROM FAULT/TUFF INTERSECTIONS. SOIL GEOCHEMISTRY RETURNED ANOMALOUS GOLD VALUES.
WORK DONE: SOIL 566;AU,AS
LINE 27.3 KM
REFERENCES: A.R. 12854,15394

MILLAR

MINING DIV: VERNON ASSESSMENT REPORT 15316 INFO CLASS 3
LOCATION: LAT. 50 11.4 LONG. 119 35.4 NTS: 82L/ 4E
CLAIMS: MILLAR 1
OPERATOR: EUREKA RES.
AUTHOR: GRUENWALD, W.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY PRE-TERTIARY METAVOLCANIC AND METASEDIMENTARY ROCKS THAT ARE UNCONFORMABLY OVERLAIN BY EOCENE INTERMEDIATE TO MAFIC FLOWS AND BRECCIAS. GENTLY DIPPING IMPURE SANDSTONE, SILTSTONE AND SHALE LIE AT THE BASE OF THIS THICK VOLCANIC SEQUENCE. TWO NORTH-NORTHWESTERLY TRENDING FAULTS ARE INDICATED ON THE PROPERTY. THE GEOCHEMICAL SURVEY RETURNED BACKGROUND VALUES IN GOLD.
WORK DONE: GEOL 1:5000
SOIL 145;AU
SILT 2;AU

ROCK 6;MULTIELEMENT
HMIN 2;AU
REFERENCES: A.R. 15316

ZUMAR

MINING DIV: VERNON ASSESSMENT REPORT 15400 INFO CLASS 2
LOCATION: LAT. 50 1.0 LONG. 119 38.5 NTS: 82L/ 4E
CLAIMS: ZUMAR 2, ZUMAR 4
OPERATOR: SKYWORLD RES. & DEV.
AUTHOR: WILMOT, A.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY TERTIARY KAMLOOPS GROUP VOLCANICS AND PERMIAN-PENNSYLVANIAN CACHE CREEK GROUP SEDIMENTS AND VOLCANICS. SOIL GEOCHEMISTRY IDENTIFIED WEAK COPPER-SILVER ANOMALIES WHILE THE GEOPHYSICAL SURVEY DELINEATED A NORTHWEST TRENDING MAGNETIC HIGH ZONE.
WORK DONE: MAGG 75.0 KM
SOIL 1476;CU,AG
REFERENCES: A.R. 15400

CHROME-VANADIUM

MINING DIV: NICOLA ASSESSMENT REPORT 15233 INFO CLASS 4
LOCATION: LAT. 50 0.4 LONG. 119 52.1 NTS: 82L/ 4W
CLAIMS: CV
OPERATOR: LARAMIE MIN.
AUTHOR: VON ROSEN, G.
COMMODITIES: CHROMIUM, IRON, ASBESTOS, TALC
DESCRIPTION: THE CLAIM IS UNDERLAIN BY PROTEROZOIC-PALEOZOIC CHROMITE-BEARING SERPENTINIZED DUNITE AND OTHER ULTRAMAFIC ROCKS BELONGING TO THE OLD DAVE INTRUSIONS. HEAVY MINERAL SAMPLING DETECTED THE PRESENCE OF A VERY SMALL AMOUNT OF PLATINUM.
WORK DONE: HMIN 3;MULTIELEMENT
REFERENCES: A.R. 168,6775,7092,15233
M.I. 082LSW056-CHROME-VANADIUM

BOLO

MINING DIV: VERNON ASSESSMENT REPORT 15296 INFO CLASS 3
LOCATION: LAT. 50 16.0 LONG. 119 41.0 NTS: 82L/ 5E
CLAIMS: BOLO 1-3
OPERATOR: PREBBLE RES.
AUTHOR: BELIK, G.

DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY FLAT-LYING ANDESITIC TO BASALTIC FLOWS AND TUFFS OF TERTIARY AGE. THE SOIL SURVEY IDENTIFIED SEVERAL SINGLE-STATION RELATIVELY WEAK GOLD ANOMALIES.
WORK DONE: SOIL 352;AU,AS
LINE 19.5 KM
REFERENCES: A.R. 15296

RUBY

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15302 INFO CLASS 4
LOCATION: LAT. 50 27.5 LONG. 119 40.8 NTS: 82L/ 5E
CLAIMS: RUBY, TOPAZ, OPAL, PEARL
OPERATOR: UTAH MINES
AUTHOR: DEIGHTON, J.
COMMODITIES: COPPER, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PERMIAN-PENNSYLVANIAN CACHE CREEK GROUP SEDIMENTS AND VOLCANICS CUT BY GRANODIORITE INTRUSIVE BODIES RELATED TO THE CRETACEOUS COAST RANGE BATHOLITH. THE ABOVE SEQUENCES ARE CAPPED BY TERTIARY RHYOLITIC TO BASALTIC FLOWS, AGGLOMERATES AND TUFFS. MINERALIZATION IS ASSOCIATED WITH FAULTING AND FRACTURING NEAR THE INTRUSIVE CONTACTS AND CONSISTS OF CHALCOPYRITE, MALACHITE, AZURITE AND PYRITE. ROCK CHIP GEOCHEMISTRY RETURNED GOLD VALUES UP TO 14.9 GRAMMES/TONNE.
WORK DONE: ROCK 15;MULTIELEMENT
REFERENCES: A.R. 5272,15302
M.I. 082LSW065-RUBY

MARMOR, KERR

MINING DIV: VERNON ASSESSMENT REPORT 15290 INFO CLASS 4
LOCATION: LAT. 50 26.0 LONG. 119 4.0 NTS: 82L/ 6E
CLAIMS: MARMOR, KERR
OPERATOR: KING, D.
AUTHOR: FIPKE, C.
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY UPPER TRIASSIC AND LOWER JURASSIC MARINE SEDIMENTS, CLASTICS AND SCHISTS WHICH MAY BE LOCALLY INTRUDED BY GRANITIC ROCKS. STREAM SEDIMENT SAMPLES COLLECTED CONTAIN LOW VALUES OF GOLD, ARSENIC, ANTIMONY AND BARITE, BUT ANOMALOUS VALUES OF LANTHANUM.
WORK DONE: HMIN 7;AU,AS,SB,BA,LA
REFERENCES: A.R. 15290

BLACK HAWK

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15093 INFO CLASS 4
LOCATION: LAT. 50 25.4 LONG. 119 22.2 NTS: 82L/ 6W
CLAIMS: AU 2, AU 4, AU 19, AU 100
OPERATOR: KD RES.
AUTHOR: YORKE-HARDY, R.
COMMODITIES: GOLD, SILVER, ZINC, LEAD, COPPER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY PERMO-TRIASSIC CACHE CREEK GROUP ROCKS CONSISTING OF ARGILLITES, PHYLLITES, QUARTZITES, LIMESTONE, ANDESITIC FLOWS, TUFFS AND AGGLOMERATE AND A HORNBLENDE (ANDESITIC) PORPHYRY. ROCK UNITS TREND SOUTHEAST, DIP SOUTHWESTERLY AND ARE TRAVERSED BY EASTERLY TRENDING MINERALIZED SHEARS CONTAINING SULPHIDES WITH GOLD VALUES.
WORK DONE: SOIL 59;MULTIELEMENT
SILT 3;MULTIELEMENT
ROCK 6;MULTIELEMENT
REFERENCES: A.R. 2516,4797,5863,6197,7837,12237,15093
M.I. 082LSW007-BLACK HAWK

GREG

MINING DIV: VERNON ASSESSMENT REPORT 14906 INFO CLASS 4
LOCATION: LAT. 50 22.0 LONG. 119 29.3 NTS: 82L/ 6W
CLAIMS: GREG
OPERATOR: TOURNIGAN MIN. EX.
AUTHOR: JENKS, J.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY CARBONIFEROUS TO PERMIAN AGE CACHE CREEK GROUP VOLCANICS.
WORK DONE: GEOL 1:5000
REFERENCES: A.R. 14906

B.S., P.S.

MINING DIV: VERNON ASSESSMENT REPORT 15340 INFO CLASS 3
LOCATION: LAT. 50 18.0 LONG. 118 56.5 NTS: 82L/ 7W
CLAIMS: B.S. 1, B.S. 4-5, P.S. 3-7, QUIN, D.K. 1
OPERATOR: QUINTO MIN.
AUTHOR: KURAN, D.
DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY UPPER TRIASSIC SICAMOUS FORMATION SEDIMENTS, VOLCANICS AND SCHISTS AND ARE INTRUDED BY CRETACEOUS AND JURASSIC STOCKS. THE GEOCHEMICAL SURVEY RESULTED IN SEVERAL ISOLATED PRECIOUS AND BASE METAL ANOMALIES IN STREAM SEDIMENT AND SOIL SAMPLES AND

THE GEOPHYSICAL SURVEY RESULTED IN THREE MAJOR ELECTROMAGNETIC CONDUCTORS.
WORK DONE: MAGA 300.0 KM
EMAB 300.0 KM;VLF,HLEM
SOIL 190;MULTIELEMENT
ROCK 18;MULTIELEMENT
HMIN 19;MULTIELEMENT
TOPO 1:10000
REFERENCES: A.R. 15340

REBAR

MINING DIV: VERNON ASSESSMENT REPORT 14347 INFO CLASS 3
LOCATION: LAT. 50 37.5 LONG. 118 34.0 NTS: 82L/10E
CLAIMS: REBAR 2
OPERATOR: NORANDA EX.
AUTHOR: MCDONALD, J.
DESCRIPTION: THE PROPERTY LIES WITHIN THE SHUSWAP METAMORPHIC COMPLEX AND IS UNDERLAIN BY CRYSTALLINE LIMESTONE AND GRAPHITIC AND CALCAREOUS GNEISSES OF THE MONASHEE GROUP. THE ROCKS STRIKE EAST-NORTHEAST AND DIP GENTLY TO THE NORTH-NORTHWEST. THE ROCKS ARE COMPLEXLY FOLDED. DRILLING FAILED TO LOCATE THE SOURCE OF HIGH GRADE ZINC BOULDERS.
WORK DONE: DIAD 307.5 M;2 HOLES,NQ
REFERENCES: A.R. 12779,14227,14347

REBAR

MINING DIV: VERNON ASSESSMENT REPORT 14612 INFO CLASS 3
LOCATION: LAT. 50 38.0 LONG. 118 37.0 NTS: 82L/10E
CLAIMS: REBAR 1-2, REBAR 200-400
OPERATOR: NORANDA EX.
AUTHOR: BOWEN, B.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY METAMORPHIC ROCKS BELONGING TO THE MONASHEE GROUP OF THE ARCHEAN OR LATER SHUSWAP SERIES. THE METAMORPHIC ROCKS ARE CUT BY LATER DACITE AND DIORITE DYKES. MINERALIZED QUARTZITE FLOAT CONTAINING DISSEMINATED, MASSIVE AND BANDED SPHALERITE, PYRITE, PYRRHOTITE AND CHALCOPYRITE IS DISPERSED OVER AN AREA OF 2 X 0.3 KILOMETRES.
WORK DONE: GEOL 1:5000
REFERENCES: A.R. 12779,14227,14612
GSC MEM. 296

COMSTOCK

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15039 INFO CLASS 4
LOCATION: LAT. 51 0.0 LONG. 119 33.0 NTS: 82L/13E 82M/ 4E
CLAIMS: COMSTOCK
OPERATOR: BARNES CREEK MIN.
AUTHOR: LUTJEN, L. LODMELL, R.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY SCHISTS AND PHYLLITES OF THE SHUSWAP METAMORPHIC COMPLEX.
WORK DONE: PROS 1:12500
REFERENCES: A.R. 15039

NIK

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14359 INFO CLASS 3
LOCATION: LAT. 50 59.0 LONG. 119 36.0 NTS: 82L/13E 82M/ 4E
CLAIMS: FORD 1-7, WOOF 1-3
OPERATOR: UTAH MINES
AUTHOR: ROBINSON, C. ORD, R.
COMMODITIES: COPPER, SILVER, ZINC
DESCRIPTION: THE FORD PROPERTY IS UNDERLAIN BY DEVONIAN FELSIC TUFFS OF THE EAGLE BAY FORMATION. THESE ROCKS HAVE BEEN METAMORPHOSED TO GREENSCHIST FACIES AND ARE PHYLLITIC TO SCHISTOSE. FOLIATION TENDS TO DIP TO THE NORTHWEST, BUT RANGES IN STRIKE FROM 30 TO 120 DEGREES. CONFORMABLE TO THIS FOLIATION ARE A NUMBER OF VEINS AND LENSES THAT CONTAIN MINERALIZATION RANGING FROM SILVER-RICH GALENA TO MASSIVE PYRRHOTITE WITH MINOR AMOUNTS OF COPPER AND ZINC. SEVERAL VLF ELECTROMAGNETIC CONDUCTORS WERE OUTLINED IN ADDITION TO SPOTTY MULTIELEMENT SOIL ANOMALIES.
WORK DONE: GEOL 1:5000
MAGG 13.3 KM
EMGR 20.8 KM;VLF
SOIL 494;MULTIELEMENT
SILT 61;MULTIELEMENT
ROCK 51;MULTIELEMENT
PETR 14
REFERENCES: A.R. 14359
M.I. 082LNW053-NIK

NIK

MINING DIV:	KAMLOOPS ASSESSMENT REPORT 14385 INFO CLASS 3
LOCATION:	LAT. 50 58.5 LONG. 119 32.0 NTS: 82L/13E
CLAIMS:	AD-5, AD-6, AD-12, AD-13
OPERATOR:	NORANDA EX.
AUTHOR:	DEMCZUK, L.
COMMODITIES:	COPPER
DESCRIPTION:	THE AD CLAIMS ARE UNDERLAIN BY METAMORPHOSED MAFIC TO FELSIC VOLCANIC ROCKS OF THE DEVONIAN-MISSISSIPIAN EAGLE BAY FORMATION. THE UNITS HAVE A WELL DEVELOPED FOLIATION WHICH DIPS MODERATELY 20 DEGREES TO 40 DEGREES TO THE WEST AND NORTHWEST. SULPHIDE ZONES OCCUR WITHIN THE DACITE AND DACITE SCHIST, AND ARE IN CLOSE PROXIMITY TO THEIR MUTUAL CONTACT. MOST OF THE MINERALIZATION OCCURS AS STRATIFORM DISSEMINATIONS OF PYRITE, PYRRHOTITE WITH MINOR CHALCOPYRITE AND SPHALERITE. THE GEOCHEMICAL SURVEY REVEALED ZINC AND GOLD STREAM SEDIMENT ANOMALIES.
WORK DONE:	GEOL 1:5000 SILT 113;MULTIELEMENT ROCK 7;MULTIELEMENT
REFERENCES:	A.R. 13048,14385 M.I. 082LNW036-NIK

SCOTCH

MINING DIV:	KAMLOOPS ASSESSMENT REPORT 14998 INFO CLASS 4
LOCATION:	LAT. 50 57.0 LONG. 119 29.5 NTS: 82L/13E 82L/14W
CLAIMS:	SCOTCH
OPERATOR:	BRICAN RES.
AUTHOR:	DAUGHTRY, K.
DESCRIPTION:	THE CLAIM IS UNDERLAIN BY METAVOLCANIC AND METASEDIMENTARY ROCKS OF THE DEVONIAN-MISSISSIPPIAN EAGLE BAY FORMATION IN CONTACT WITH ARGILLACEOUS LIMESTONE OF THE SICAMOUS FORMATION. A MAGNETIC ANOMALY HAS BEEN IDENTIFIED FROM THE GEOPHYSICAL SURVEY.
WORK DONE:	MAGG 2.1 KM LINE 2.1 KM
REFERENCES:	A.R. 6237,6419,7691,12216,14998

CAROLINE

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14644 INFO CLASS 4
LOCATION: LAT. 50 59.0 LONG. 119 47.5 NTS: 82L/13W
CLAIMS: CAROLINE 1-2
OPERATOR: UNITED LEADER RES.
AUTHOR: CULBERT, D.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY A GROUP OF METAMORPHIC ROCKS OF UNCERTAIN AGE, DOMINANTLY PHYLLITE, SHALES AND LIMY OR GRAPHITIC UNITS TOGETHER WITH PROMINENT GREENSTONE BANDS. THE MAGNETOMETER SURVEY RESULTS WERE SUPRISINGLY FLAT. MODERATELY STRONG VLF ELECTROMAGNETIC CONDUCTORS WERE INTERPRETED IN AREAS OF GRAPHITIC SHALES.
WORK DONE: MAGG 17.5 KM
EMGR 17.5 KM;VLF
REFERENCES: A.R. 13351,14644

KATHERINE

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14643 INFO CLASS 4
LOCATION: LAT. 50 59.0 LONG. 119 50.0 NTS: 82L/13W
CLAIMS: KATHERINE 1-2
OPERATOR: UNITED LEADER RES.
AUTHOR: CULBERT, D.
DESCRIPTION: A FINE TO MEDIUM GRAINED FELSIC INTRUSIVE IS EMPLACED INTO A SERIES OF GREY TO BLACK PHYLLITES, SLATES AND SHALES OF UNCERTAIN AGE. GEOPHYSICAL RESULTS ARE GENERALLY FLAT, ALTHOUGH SOME READINGS MAY BE CONSIDERED SOMEWHAT ANOMALOUS.
WORK DONE: MAGG 11.5 KM
EMGR 11.5 KM;VLF
REFERENCES: A.R. 13337,14643

HOW

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15307 INFO CLASS 4
LOCATION: LAT. 50 53.9 LONG. 119 15.6 NTS: 82L/14W
CLAIMS: HOW 1-2
OPERATOR: OSTENSOE, E.
AUTHOR: OSTENSOE, E.
DESCRIPTION: MAGNETITE MINERALIZATION OCCURS AT A TRANSITION FROM SILICEOUS SCHIST TO LIMEY SHALES AND BUFF TO IVORY COLOURED CARBONATE WHICH ARE BELIEVED TO BE PART OF THE DEVONIAN-MISSISSIPPIAN EAGLE BAY

FORMATION. A STRONG LINEAR EAST TRENDING MAGNETIC HIGH ZONE WAS IDENTIFIED FROM THE GEOPHYSICAL SURVEY.

WORK DONE: MAGG 1.5 KM
REFERENCES: A.R. 15307

SHU

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14620 INFO CLASS 3
LOCATION: LAT. 50 57.0 LONG. 119 26.0 NTS: 82L/14W
CLAIMS: SHU 5-6
OPERATOR: TORHSEN ENERGY
AUTHOR: NEALE, T. HAWKINS, T.
DESCRIPTION: THE SHU PROPERTY IS UNDERLAIN BY A WEST-NORTHWEST TRENDING SEQUENCE OF DEVONIAN-MISSISSIPPIAN EAGLE BAY FORMATION ROCKS INCLUDING MAFIC TO FELSIC METAVOLCANICS AND VOLCANICLASTICS, QUARTZITE, SILICEOUS CARBONATE ROCKS, AND LESSER AMOUNTS OF BLACK ARGILLITE AND INTERBEDDED CONGLOMERATE AND SANDSTONE. DISSEMINATED CUBIC PYRITE IS COMMON IN MOST ROCK TYPES ON THE PROPERTY.
WORK DONE: GEOL 1:20000
SOIL 341;CU,AG,ZN
ROCK 16;MULTIELEMENT
LINE 11.0 KM
REFERENCES: A.R. 14620

W.P.L.

MINING DIV: VERNON ASSESSMENT REPORT 14805 INFO CLASS 4
LOCATION: LAT. 50 48.3 LONG. 118 25.3 NTS: 82L/16W
CLAIMS: W.P.L. 2-4
OPERATOR: LYNES, C.
AUTHOR: LYNES, C.
DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY GRANITE AND LIMESTONE. SKARN TYPE MINERALIZATION INCLUDES PYRRHOTITE, ARSENOPYRITE, AND ANOMALOUS AMOUNTS OF COPPER.
WORK DONE: ROCK 5;AU,AG,CU,PB,ZN,W
PROS 1:5000
REFERENCES: A.R. 14805

B-D-J

MINING DIV: REVELSTOKE ASSESSMENT REPORT 15102 INFO CLASS 4
LOCATION: LAT. 51 11.0 LONG. 118 8.0 NTS: 82M/ 1E
CLAIMS: B-D-J 1-12
OPERATOR: FARNEY EX. & ASSOC.
AUTHOR: FARNEY, W.
DESCRIPTION: THE PROPERTY IS ON THE EXTREME EASTERN FLANK OF THE SHUSWAP METAMORPHIC COMPLEX AND IS COMPRISED OF A VARIETY OF METASEDIMENTARY AND INTRUSIVE ROCKS CONSISTING OF GNEISSIC GRANITE, QUARTZ CHLORITE GNEISS, MICACEOUS QUARTZITE AND BIOTITE GNEISS. FOLIATION IS DOMINANTLY NORTHWEST TRENDING.
WORK DONE: SOIL 18;MULTIELEMENT
SILT 21;MULTIELEMENT
ROCK 33;MULTIELEMENT
OBDR 7.0 M;3,XRP
SAMP 6;MULTIELEMENT
PROS 1:20000
LINE 30.0 KM
ROAD 4.0 KM
TREN 2300.0 M
REFERENCES: A.R. 15102

SILVER WEASEL

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15010 INFO CLASS 4
LOCATION: LAT. 51 4.0 LONG. 119 15.5 NTS: 82M/ 3E 82M/ 3W
CLAIMS: SILVER WEASEL
OPERATOR: BARNES CREEK MIN.
AUTHOR: LUTJEN, L. LODMELL, R.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY MONASHEE GROUP GNEISSES AND SCHISTS.
WORK DONE: ROCK 1;AG
PROS 1:12500
REFERENCES: A.R. 15010

SILVER WEASEL

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15041 INFO CLASS 4
LOCATION: LAT. 51 4.0 LONG. 119 13.5 NTS: 82M/ 3E
CLAIMS: SILVER WEASEL
OPERATOR: BARNES CREEK MIN.
AUTHOR: LUTJEN, L. LODMELL, R.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY MONASHEE GROUP GNEISSES AND SCHISTS, QUARTZITE, MARBLE, LIMESTONE, SLATE AND PHYLLITE. GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: MAGG 8.4 KM
EMGR 3.4 KM;VLF
LINE 11.0 KM
REFERENCES: A.R. 15041

A

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14410 INFO CLASS 3
LOCATION: LAT. 51 5.0 LONG. 119 32.0 NTS: 82M/ 3W 82M/ 4E
CLAIMS: LODE II, LODE III, GOLDFLAKE, GOLDFINGER, GOLDPAN, MN-2 MN-3
OPERATOR: NORANDA EX.
AUTHOR: DEMCZUK, L. BRADISH, L.
COMMODITIES: LEAD, ZINC, SILVER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY A SEQUENCE OF METAMORPHOSED ANDESITIC TO DACITIC VOLCANICS INTERCALATED WITH LIMESTONE, QUARTZITE AND GRAPHITIC ARGILLITE ALL OF WHICH BELONG TO THE DEVONIAN-MISSISSIPPIAN EAGLE BAY FORMATION. THE ROCKS STRIKE NORTHWEST AND DIP 40-60 DEGREES TO THE NORTHEAST. SMALL LENSES OF STRATIFORM MASSIVE PYRITE, PYRRHOTITE, WITH SOME CHALCOPYRITE AND TRACES OF SPHALERITE AND GALENA MINERALIZATION OCCUR IN CLOSE PROXIMITY TO THE ANDESITE SEDIMENT CONTACT. SEVERAL HL-ELECTROMAGNETIC CONDUCTORS HAVE BEEN OUTLINED FROM THE GEOPHYSICAL SURVEY.
WORK DONE: GEOL 1:5000
MAGG 11.5 KM
EMGR 11.5 KM;HLEM
SOIL 568;MULTIELEMENT
SILT 19;MULTIELEMENT
ROCK 10;MULTIELEMENT
LINE 14.0 KM
REFERENCES: A.R. 14410
M.I. 082M 129-A
GEOL. FIELDWORK, 1979, PP. 28-36; 1980, PP. 15-23

CU 1, CU 5

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14681 INFO CLASS 3
LOCATION: LAT. 51 0.5 LONG. 119 30.0 NTS: 82M/ 3W 82M/ 4E
CLAIMS: BC 2, ZINC 1-6
OPERATOR: NORANDA EX.
AUTHOR: SHEVCHENKO, G. DEMCZUK, L.
COMMODITIES: LEAD, ZINC, SILVER, COPPER, IRON, MOLYBDENUM, GOLD
DESCRIPTION: A SEQUENCE OF ANDESITIC TO RHYOLITIC VOLCANICS OCCUR INTERCALATED WITH CLASTIC SEDIMENTS WHICH BELONG TO THE DEVONO-MISSISSIPPIAN AGE EAGLE BAY FORMATION. THE ROCKS DIP MODERATELY TO THE NORTH-NORTHWEST AND ARE FOLDED ABOUT EAST-WEST TRENDING F2 FOLD AXES. SMALL LENSES OF STRATIFORM MASSIVE SULPHIDE MINERALIZATION OCCUR IN CLOSE PROXIMITY TO THE ANDESITE-SEDIMENT CONTACT, AND STOCKWORK TYPE SPHALERITE-GALENA MINERALIZATION IS HOSTED BY RHYOLITES.
WORK DONE: SOIL 342;CU,PB,ZN,AG,AU
DIAD 214.6 M;4 HOLES,NQ
SAMP 84;CU,PB,ZN,AU,AG,AS
LINE 8.6 KM
REFERENCES: A.R. 14681
M.I. 082M 138-CU 1;082M 139-CU 5
BCEMPR PAPER 1980-1; PP. 28-36; 1981-1, PP. 15-23

MOSQUITO KING, SPAR

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14439 INFO CLASS 2
LOCATION: LAT. 51 3.5 LONG. 119 32.0 NTS: 82M/ 3W 82M/ 4E
CLAIMS: BEE 3-5, SPAR 1, FOX, MK 4, MK 1-2, HILTEC 1-2
OPERATOR: NORANDA EX.
AUTHOR: SHEVCHENKO, G. BRADISH, L.
COMMODITIES: LEAD, ZINC, SILVER, COPPER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY EAST TO NORTHEAST TRENDING DEVONIAN-MISSISSIPPIAN EAGLE BAY FORMATION SEDIMENTS AND VOLCANICS SHOWING FOUR PHASES OF DEFORMATION. MINERALIZATION OCCURS AS STRATIFORM, SEDIMENTARY HOSTED MASSIVE SULPHIDE BEDS AND LENSES CONSISTING OF SPHALERITE, GALENA AND PYRRHOTITE WITH LESSER AMOUNTS OF PYRITE, CHALCOPYRITE AND ARSENOPYRITE. SEVERAL ELECTROMAGNETIC CONDUCTORS WITH LEAD-SILVER SOIL ANOMALIES WERE IDENTIFIED AND TRENCHED REVEALING ENCOURAGING DISSEMINATED GALENA MINERALIZATION.
WORK DONE: GEOL 1:500,1:250,1:200
MAGG 10.0 KM
EMGR 10.0 KM;HLEM

SOIL 662;CU,PB,ZN,AG
ROCK 165;MULTIELEMENT
LINE 18.3 KM
TREN 936.0 M;4 TRENCHES
REFERENCES: A.R. 4932,5176,5919,6349,6420,6788,6913,8131, 13239,14439
M.I. 082M 016-MOSQUITO KING;082M 017-SPAR

AXL, WAD

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14716 INFO CLASS 2
LOCATION: LAT. 51 2.5 LONG. 119 37.0 NTS: 82M/ 4E
CLAIMS: WAD 2, AXL 3
OPERATOR: ADAMS SILVER RES.
AUTHOR: SPENCER, B.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A NORTHEAST TRENDING BELT OF INTERMEDIATE TO FELSIC VOLCANICS DIPPING AT 30 DEGREES TO THE NORTHWEST. THE VOLCANICS ARE DEVONIAN EAGLE BAY FORMATION AND SEVERAL UNITS CONTAIN PYRITE, PYRRHOTITE, CHALCOPYRITE, SPHALERITE AND GALENA MINERALIZATION CONSIDERED TO BE OF VOLCANOGENIC ORIGIN.
WORK DONE: DIAD 984.8 M;22 HOLES,BQ
SAMP 70;AU,AG,CU,PB,ZN
REFERENCES: A.R. 2616,6546,6549,12724,13192,14716

HUT

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14193 INFO CLASS 4
LOCATION: LAT. 51 12.0 LONG. 119 43.0 NTS: 82M/ 4E
CLAIMS: HUT 1-6
OPERATOR: BERGLYNN RES.
AUTHOR: SALIB, P.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY LATE DEVONIAN TO EARLY MISSISSIPPIAN AGE INTERCALATED GREENSCHIST AND PHYLLITE OF THE EAGLE BAY FORMATION. THE SEQUENCE DIPS MODERATELY TO THE NORTHEAST. THE AIRBORNE GEOPHYSICAL SURVEY RESULTS INDICATED 7 CONDUCTIVE ZONES.
WORK DONE: MAGA 60.9 KM
EMAB 60.9 KM;INPUT
REFERENCES: A.R. 14193

TINCUP

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15017 INFO CLASS 4
LOCATION: LAT. 51 11.6 LONG. 119 35.0 NTS: 82M/ 4E
CLAIMS: TINCUP
OPERATOR: BRISTOW, J.
AUTHOR: BRISTOW, J.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY A SERIES OF INTERBEDDED WESTERLY STRIKING AND DIPPING METASEDIMENTS AND METAVOLCANICS OF THE DEVONO-MISSISSIPPIAN EAGLE BAY FORMATION WHICH ARE INTRUDED TO THE NORTH BY GRANITES AND GRANODIORITES OF THE CRETACEOUS BALDY BATHOLITH. GEOCHEMICAL AND GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: MAGG 0.4 KM
SOIL 10;AU
ROCK 3;AU,AG
PROS 1:2000
LINE 1.6 KM
REFERENCES: A.R. 15017

HN

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14738 INFO CLASS 3
LOCATION: LAT. 51 9.5 LONG. 119 49.0 NTS: 82M/ 4W
CLAIMS: HN 9
OPERATOR: FALCONBRIDGE COPPER
AUTHOR: DAVIDSON, A.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY CARBONIFEROUS AGE EAGLE BAY FORMATION ROCKS CONSISTING OF A SEQUENCE OF MAFIC VOLCANICS AND VOLCANICLASTICS INTERBEDDED WITH SILICEOUS EXHALITES, ARGILLITES AND GREYWACKES. DRILLING RESULTS INTERSECTED THE PACKAGE OF ROCKS KNOWN TO HOST MINERALIZATION BUT ONLY MINOR AMOUNTS OF SULPHIDES ARE PRESENT.
WORK DONE: DIAD 570.4 M;4 HOLES,NQ
SAMP 16;CU,ZN,PB,AG,AU,ZR
REFERENCES: A.R. 12737,14738

KAMAD

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15154 INFO CLASS 3
LOCATION: LAT. 51 8.4 LONG. 119 49.2 NTS: 82M/ 4W
CLAIMS: KAMAD 7
OPERATOR: ESSO RES. CAN.
AUTHOR: OLIVER, J.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY AN INVERTED SEQUENCE

OF DEVONIAN-MISSISSIPPIAN EAGLE BAY FORMATION ALTERED MAFIC PYROCLASTICS, EXHALITIVE CHERT AND FINE-GRAINED CLASTICS, INTERMEDIATE VOLCANIC FLOWS, PYROCLASTICS AND HETEROLITHIC WACKES AND CONGLOMERATES. ALL UNITS TREND 130-135 DEGREES AND DIP 40-45 DEGREES NORTHEAST WITH BEDDING SUBPARALLEL TO FOLIATION. THE GEOCHEMICAL SURVEY IDENTIFIED LOW TO MODERATELY ANOMALOUS COPPER SOIL VALUES.

WORK DONE: SOIL 481;AG,CU,PB,ZN
LINE 17.2 KM
REFERENCES: A.R. 12540,15154

MF, AR

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14185 INFO CLASS 3
LOCATION: LAT. 51 10.0 LONG. 119 49.0 NTS: 82M/ 4W
CLAIMS: HN 9
OPERATOR: FALCONBRIDGE COPPER
AUTHOR: PIRIE, I.
COMMODITIES: GOLD, SILVER, COPPER, LEAD, ZINC, BARITE
DESCRIPTION: MASSIVE SULPHIDE MINERALIZATION ON THE PROPERTY IS HOSTED BY SILICEOUS EXHALITES OF THE EAGLE BAY FORMATION DIPPING 45 DEGREES NORTHEAST. STRATIGRAPHY IS OVERTURNED, FOOTWALL ROCKS BEING MAFIC PYROCLASTICS WITH SEDIMENTS IN THE HANGINGWALL. A TOTAL OF APPROXIMATELY 100,000 TONNES OF SULPHIDE IS KNOWN WITH A GRADE OF ALMOST 17 GRAMMES/TONNE GOLD ALONG WITH VALUES IN SILVER, COPPER, LEAD AND ZINC.
WORK DONE: ROCK 2;CU,ZN,PB,AG,AU,BA
DIAD 261.2 M;1 HOLE,NQ
REFERENCES: A.R. 14185
M.I. 082M 107-MF,082M 191-AR

S.B.L.

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14176 INFO CLASS 4
LOCATION: LAT. 51 11.0 LONG. 119 47.0 NTS: 82M/ 4W
CLAIMS: S.B.L. 1
OPERATOR: ISLAND MIN. & EX.
AUTHOR: SALIB, P.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY LATE DEVONIAN TO EARLY MISSISSIPPIAN AGE INTERCALATED GREENSCHIST AND PHYLLITE OF THE EAGLE BAY FORMATION. THE SEQUENCE DIPS MODERATELY TO THE NORTHEAST. MANY CONDUCTIVE TARGETS WHICH FIT THE STANDARD

CRITERION FOR BASE METAL SULPHIDE CONDUCTORS WERE DELINEATED DURING A COMBINED INPUT ELECTROMAGNETIC SURVEY.
WORK DONE: MAGA 23.2 KM
EMAB 23.2 KM
REFERENCES: A.R. 14176

SET, CAESAR

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14195 INFO CLASS 4
LOCATION: LAT. 51 10.0 LONG. 119 44.0 NTS: 82M/ 4W
CLAIMS: SET 1-3, CAESAR 1-2, CHRIS 1-6, ERIC 1
OPERATOR: OMNI RES.
AUTHOR: SALIB, P.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY LATE DEVONIAN TO EARLY MISSISSIPPIAN AGE INTERCALATED GREENSCHIST AND PHYLLITE OF THE EAGLE BAY FORMATION. THE SEQUENCE DIPS MODERATELY TO THE NORTHEAST. THE AIRBORNE GEOPHYSICAL SURVEY RESULTS INDICATED 4 CONDUCTIVE ZONES.
WORK DONE: MAGA 66.9 KM
EMAB 66.9 KM;INPUT
REFERENCES: A.R. 14195

WIKI

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14613 INFO CLASS 3
LOCATION: LAT. 51 13.0 LONG. 119 52.0 NTS: 82M/ 4W
CLAIMS: WIKI 3
OPERATOR: ESSO MIN.
AUTHOR: MARR, J. DOBORZYNSKI, Z.
DESCRIPTION: THE CLAIMS COVER A NORTH-WEST TRENDING CONTACT BETWEEN A SERIES OF MAFIC TO INTERMEDIATE VOLCANICS SHOWING SOME ALTERATION, AND A SERIES OF SEDIMENTS OF DEVONO-MISSISSIPPIAN AGE. THERE IS NO RECORDED MINERALIZATION.
WORK DONE: MAGG 34.0 KM
EMGR 34.0 KM
REFERENCES: A.R. 14613

WIN

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14409 INFO CLASS 4
LOCATION: LAT. 51 4.0 LONG. 119 51.0 NTS: 82M/ 4W
CLAIMS: WIN 3, WIN 6
OPERATOR: J.M. ASHTON & ASSOC.
AUTHOR: ASHTON, J.
DESCRIPTION: SCHISTS, PHYLLITES AND GREENSTONES DERIVED FROM SEDIMENTARY AND VOLCANIC ROCKS OF THE PALEZOIC AGE EAGLE BAY FORMATION ARE TIGHTLY FOLDED ALONG AXES TRENDING NORTHEAST. SLATY CLEAVAGE IS SUPERIMPOSED ALONG AND ACROSS BEDDING PLANES. AT LEAST ONE NORTH-SOUTH FAULT WAS IDENTIFIED. KNOWN MINERALIZATION IS CONFINED TO DISSEMINATED PYRITE IN THE GREENSTONES AND SCHISTS. FOUR POSSIBLE VLF-ELECTROMAGNETIC CONDUCTORS WERE OUTLINED FROM THE GEOPHYSICAL SURVEY.
WORK DONE: EMGR 4.4 KM;VLF
LINE 7.0 KM
REFERENCES: A.R. 13147,14409

C-C, HARPER, SITTING BULL, ANACONDA, FORTUNA 2

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14388 INFO CLASS 3
LOCATION: LAT. 51 19.8 LONG. 119 54.6 NTS: 82M/ 5W
CLAIMS: BC 1-3, JEAN 3, WOLVERINE 1-2, RUST 1-4, BLUFF 1-2 BLUFF 4, PERCY 1
OPERATOR: NORANDA EX.
AUTHOR: BRADISH, L.
COMMODITIES: SILVER, LEAD, ZINC, COPPER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY AN EAST-NORTHEAST DIPPING PACKAGE OF INTERMEDIATE TO FELSIC VOLCANICS INTERCALATED WITH LESSER AMOUNTS OF SEDIMENTARY ROCKS, ALL OF WHICH BELONG TO THE DEVONIAN-MISSISSIPPIAN EAGLE BAY FORMATION. MINERALIZATION IS POD-LIKE AND IS HOSTED BY RHYODACITES AS IN THE CASE OF LEAD-ZINC, AND DACITES AS IN THE CASE OF COPPER-ZINC. SERICITE ALTERATION IS ASSOCIATED WITH MINERALIZATION. THE AIRBORNE SURVEY DELINEATED SEVERAL RESISTIVITY AND MAGNETIC FEATURES AND ELECTROMAGNETIC CONDUCTORS WHICH SHOW EXCELLENT CORRELATION WITH THE KNOWN OR PRESUMED GEOLOGY.
WORK DONE: EMAB 280.0 KM;VLF
MAGA 280.0 KM
LINE 56.0 KM
REFERENCES: A.R. 69,70,3333,6202,6802,6879,11125,14388
M.I. 082M 059-C-C;082M 060-HARPER;082M 063-

SITTING BULL;082M 067-ANACONDA;082M 070-FORTUNA 2;082M 071-KUNO;082M 072-FORTUNA 1;082M 130-BROKEN RIDGE;082M 131-MAY;082M 219-PERCY;082M 220-COPPER CLIFF;082M 221-RAINBOW

CAD

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14397 INFO CLASS 3
LOCATION: LAT. 51 18.0 LONG. 119 52.0 NTS: 82M/ 5W
CLAIMS: CAD
OPERATOR: NORANDA EX.
AUTHOR: SHEVCHENKO, G.
DESCRIPTION: THE TWO DIAMOND DRILL HOLES INTERSECTED EASTERLY DIPPING VOLCANICLASTIC ROCKS BELONGING TO THE DEVONO-MISSISSIPPIAN EAGLE BAY FORMATION. THE VOLCANICS ARE COMPRISED OF QUARTZ DACITES WHILE SILTSTONES AND QUARTZ ARENITES MAKE UP THE SEDIMENTARY COMPONENT. MINOR SPHALERITE AND GALENA IS FOUND ALONG LOCALLY OCCURRING QUARTZ VEINLETS HOSTED BY THE QUARTZ DACITE AND QUARTZ ARENITE. UP TO 15 PER CENT FUCHSITE OCCURS IN THE VOLCANICS AND MAY REPRESENT A HYDROTHERMAL ALTERATION MINERAL FACIES.
WORK DONE: DIAD 184.7 M;2 HOLES,NQ
SAMP 17;MULTIELEMENT
REFERENCES: A.R. 3350,14397

EBL

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14950 INFO CLASS 4
LOCATION: LAT. 51 19.0 LONG. 119 46.8 NTS: 82M/ 5W
CLAIMS: BAT 1-2, RED FOX 1-2, LYNX 1
OPERATOR: NORTHCOTE, K.
AUTHOR: NORTHCOTE, K.
COMMODITIES: COPPER, LEAD, ZINC, SILVER, GOLD, MOLYBDENUM
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY INTERBEDDED CHLORITE SCHIST, PHYLLITE, QUARTZ SERICITE SCHIST AND MINOR AMOUNTS OF SKARNIFIED LIMESTONE BELONGING TO THE DEVONIAN AGE EAGLE BAY FORMATION. THE SUCCESSION IS INTRUDED BY GRANODIORITE DYKES. MINERALIZATION OCCURS AS DISSEMINATIONS IN CHLORITIC SCHIST, MASSIVE SULPHIDE REPLACEMENT OF BEDS, MASSIVE SULPHIDES IN SKARN, AND IN VEINS. SOIL AND ROCK SAMPLES RETURNED LOW VALUES IN GOLD AND SILVER.
WORK DONE: SOIL 17;AU,AG
ROCK 18;AU,AG

REFERENCES: A.R. 2369,2680,2989,3431,3884,4685,5973,9203,
10435,10584,11386,14392,14950
M.I. 082M 051-EBL

FORTUNA 1

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14770 INFO CLASS 4
LOCATION: LAT. 51 20.7 LONG. 119 56.5 NTS: 82M/ 5W
CLAIMS: BC 3-6
OPERATOR: NORANDA EX.
AUTHOR: BRADISH, L. SHEVCHENKO, G.
COMMODITIES: LEAD
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY SOUTHWEST DIPPING VOLCANICS AND SEDIMENTS BELONGING TO THE DEVONIAN-MISSISSIPPIAN AGE EAGLE BAY FORMATION. SILVER RICH GALENA OCCURS AS PODS WITHIN NORTH TRENDING QUARTZ CARBONATE VEINS WHICH RANGE UP TO ONE METRE IN WIDTH.
WORK DONE: MAGG 5.6 KM
EMGR 3.7 KM;HLEM
REFERENCES: A.R. 14770
M.I. 082M 072-FORTUNA 1

FORTUNA 2

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14387 INFO CLASS 3
LOCATION: LAT. 51 21.5 LONG. 119 56.5 NTS: 82M/ 5W
CLAIMS: BC-1, JEAN 3
OPERATOR: NORANDA EX.
AUTHOR: WILSON, R.
COMMODITIES: SILVER, LEAD
DESCRIPTION: THE MAJORITY OF THE BC LORANGER GROUP IS UNDERLAIN BY THE DEVONIAN-MISSISSIPPIAN AND OLDER EAGLE BAY FORMATION INTERMEDIATE TO FELSIC VOLCANICS AND SEDIMENTS WHILE A SMALL NORTHERN PORTION OF THE GROUP IS UNDERLAIN BY THE CRETACEOUS BALDY BATHOLITH GRANITES AND GRANODIORITES. ROCKS IN THE VICINITY OF THE DRILL HOLES ARE RHYODACITE TUFFS WHICH HAVE BEEN DYNAMOTHERMALLY METAMORPHOSED. MINOR SULPHIDE MINERALIZATION CONSISTING OF PYRRHOTITE, SPHALERITE AND GALENA WAS ENCOUNTERED IN ONE DRILL HOLE.
WORK DONE: DIAD 212.7 M;4 HOLES,NQ
SAMP 66;AU,AG,PB,ZN,CU
LINE 30.2 KM
REFERENCES: A.R. 4136,12200,14387

M.I. 082M 070-FORTUNA 2

GEM

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15347 INFO CLASS 4
LOCATION: LAT. 51 19.4 LONG. 119 49.0 NTS: 82M/ 5W
CLAIMS: GEM
OPERATOR: OVINGTON, L.
AUTHOR: MORAAL, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY DEVONIAN-MISSISSIPPIAN EAGLE BAY FORMATION PHYLLITES, SHALES, AND OTHER INTENSELY FOLDED AND INTERLAYERED METASEDIMENTS WHICH ARE CUT BY NUMEROUS QUARTZ VEINS. GEOPHYSICAL SURVEY RESULTS RETURNED STRONG VLF ELECTROMAGNETIC READINGS.
WORK DONE: EMGR 5.6 KM;VLF
LINE 6.2 KM
REFERENCES: A.R. 15347

JOE

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15123 INFO CLASS 4
LOCATION: LAT. 51 19.0 LONG. 119 58.8 NTS: 82M/ 5W
CLAIMS: JOE
OPERATOR: OVINGTON, L.
AUTHOR: MORAAL, D.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY DEVONIAN-MISSISSIPPIAN EAGLE BAY FORMATION SEDIMENTS AND DEVONIAN-PERMIAN FENNELL FORMATION DIORITE.
WORK DONE: ROCK 4;MULTIELEMENT
PROS 1:2500
REFERENCES: A.R. 15123

JUNE, RUTH, ADON V

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14392 INFO CLASS 3
LOCATION: LAT. 51 18.0 LONG. 119 47.5 NTS: 82M/ 5W
CLAIMS: ADON V, SOBS
OPERATOR: TITAN RES.
AUTHOR: YEAGER, D. DARNEY, R.
COMMODITIES: SILVER, COPPER, LEAD, ZINC
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY FOLDED EAGLE BAY FORMATION FELSIC TO INTERMEDIATE VOLCANICS AND METASEDIMENTARY ROCKS OF MISSISSIPPIAN AGE. THE GEOCHEMICAL SURVEY HAS OUTLINED SEVERAL

NORTH-SOUTH TRENDING MULTIELEMENT SOIL ANOMALIES WHILE THE GEOPHYSICAL SURVEY HAS DEFINED SEVERAL CONDUCTORS THAT TREND NORTHWEST WITH SOME COINCIDENT SOIL ANOMALIES.
WORK DONE: MAGG 15.6 KM
EMGR 24.0 KM;VLF
SOIL 784;AU,CU,PB,ZN,AS
LINE 35.7 KM
REFERENCES: A.R. 14392
M.I. 082M 058-JUNE;082M 061-RUTH;
082M 223-ADON V

KITTY

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14262 INFO CLASS 3
LOCATION: LAT. 51 25.0 LONG. 119 55.0 NTS: 82M/ 5W
CLAIMS: KITTY 2
OPERATOR: CAESAR RES.
AUTHOR: DI SPIRITO, F.
DESCRIPTION: BRIEF PROSPECTING ON THE PROPERTY ENCOUNTERED OUTCROPS OF BIOTITE GRANITE, PEGMATITE, AND APLITE. OCCASIONAL EVIDENCE OF HYDROTHERMAL ALTERATION INCLUDED VERY FINE-GRAINED SULPHIDE MINERALIZATION IN FRACTURES. THE NORTHWEST CORNER OF THE PROPERTY IS GEOCHEMICALLY AND GEOPHYSICALLY ANOMALOUS IN METALS.
WORK DONE: LINE 31.5 KM
MAGG 31.5 KM
EMGR 31.5 KM
SOIL 144;MULTIELEMENT
ROCK 4;MULTIELEMENT
REFERENCES: A.R. 14262
GSC OPEN FILE 637
GSC MAP 48-1963

KITTY

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15351 INFO CLASS 3
LOCATION: LAT. 51 24.2 LONG. 119 55.5 NTS: 82M/ 5W
CLAIMS: KITTY 2
OPERATOR: GOLDSMITH, L.
AUTHOR: KALLOCK, P. GOLDSMITH, L.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY GRANITE OF THE CRETACEOUS BALDY BATHOLITH. SOIL GEOCHEMISTRY DETECTED LOW MOLYBDENUM VALUES.
WORK DONE: GEOL 1:5000

SOIL 103;AU,MO
ROCK 1;AU,MO
LINE 10.0 KM
REFERENCES: A.R. 15351

SITTING BULL, BROKEN RIDGE, MAY

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14707 INFO CLASS 3
LOCATION: LAT. 51 20.7 LONG. 119 53.0 NTS: 82M/ 5W
CLAIMS: NB 6
OPERATOR: MORGAIN MIN.
AUTHOR: DAWSON, J.
COMMODITIES: COPPER, SILVER, GOLD, LEAD, ZINC
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY FELSIC TO INTERMEDIATE VOLCANICS AND VOLCANICLASTICS OF THE EAGLE BAY FORMATION INTRUDED BY A CRETACEOUS GRANITIC BATHOLITH. A NUMBER OF CONFORMABLE, MASSIVE TO DISSEMINATED SULPHIDE OCCURRENCES CONSISTING OF PYRITE, PYRRHOTITE WITH LESSER CHALCOPYRITE AND SPHALERITE ARE KNOWN. TWO VLF ELECTROMAGNETIC CONDUCTORS WERE OUTLINED FROM THE SURVEY WHERE SIGNIFICANT COPPER-ZINC GEOCHEMICAL VALUES ARE ASSOCIATED WITH ONE OF THEM.
WORK DONE: GEOL 1:2500
MAGG 23.2 KM
EMGR 23.2 KM;VLF
SOIL 480;MULTIELEMENT
ROCK 11;CU,ZN,AU,AG
REFERENCES: A.R. 69,70,3333,8489,10582,11033,14707
M.I. 082M 063-SITTING BULL;082M 130-BROKEN RIDGE;082M 131-MAY

VAL

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15044 INFO CLASS 4
LOCATION: LAT. 51 22.2 LONG. 119 52.4 NTS: 82M/ 5W
CLAIMS: GONE
OPERATOR: MAGNA VENTURES
AUTHOR: KURAN, V.
COMMODITIES: MOLYBDENUM
DESCRIPTION: THE CLAIM IS UNDERLAIN BY GRANODIORITE WHICH IS CUT BY FELSIC DYKES. ANOMALOUS SILVER AND ARSENIC VALUES OCCUR IN SILT SAMPLES.
WORK DONE: SOIL 57;MULTIELEMENT
SILT 20;MULTIELEMENT
ROCK 6;MULTIELEMENT

REFERENCES: A.R. 1062,1669,2263,3298,15044
M.I. 082M 112-VAL

J AND L, A AND E, ROSEBERRY

MINING DIV: REVELSTOKE ASSESSMENT REPORT 14405 INFO CLASS 3
LOCATION: LAT. 51 17.0 LONG. 118 7.5 NTS: 82M/ 8E
CLAIMS: KIRK, SHANNON 600, SAM, MARY, MARY 1, MARY 3-4, MARY 6-7 VIEW FR.
OPERATOR: BP RES. CAN.
AUTHOR: PEGG, R.
COMMODITIES: GOLD, SILVER, ZINC, LEAD
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY NORTH TO NORTHWEST STRIKING, MODERATE TO STEEP, EAST DIPPING PHYLLITIC QUARTZITES OF THE HAMILL GROUP (LOWER CAMBRIAN). THE ROCKS HAVE UNDERGONE A LONG AND COMPLEX DEFORMATIONAL HISTORY WHICH IS BELIEVED TO BE STRUCTURAL OVERPRINT ON THE STRATIGRAPHICALLY CONTROLLED SULPHIDE SYSTEM WHICH CONSISTS OF SPHALERITE, GALENA, TETRAHEDRITE, ARSENOPYRITE AND GOLD. THE HAMILL GROUP IS COMPRISED OF SHEARED AND ISOCLINALLY FOLDED QUARTZITES, QUARTZ-SERICITE TO SERICITE TO CHLORITE PHYLLITES AND GREY BANDED TO CARBONACEOUS LIMESTONES. THE GEOCHEMICAL SURVEY INDENTIFIED TWO LEAD-ARSENIC-POTASSIUM ROCK AND SOIL ANOMALIES.
WORK DONE: SOIL 274;MULTIELEMENT
SILT 1;MULTIELEMENT
ROCK 50;MULTIELEMENT
RECL
REFERENCES: A.R. 10664,10939,12616,14405
M.I. 082M 003-J AND L;082M 091-ROSEBERRY;
082M 099-A AND E

KEY

MINING DIV: REVELSTOKE ASSESSMENT REPORT 14351 INFO CLASS 3
LOCATION: LAT. 51 27.0 LONG. 118 26.0 NTS: 82M/ 8W
CLAIMS: KEY 1-2
OPERATOR: BIG BEND JOINT
AUTHOR: LEASK, J.
DESCRIPTION: SEVERAL THIN, MINOR, MASSIVE PYRRHOTITE-PYRITE-CHALCOPYRITE-SPHALERITE LENSES WITHIN LOWER CAMBRIAN AGE QUARTZ-SERICITE PHYLLITE, QUARTZ CHLORITE PHYLLITE, AND TALC PHYLLITE OF THE "METAVOLCANIC-PHYLLITE" DIVISION (HAMILL GROUP OCCUR ON THE PROPERTY.

WORK DONE: GEOL 1:10000
SOIL 160;CU,ZN,PB,AG
LINE 4.5 KM
REFERENCES: A.R. 9721,14351

MISTY, NUGGET

MINING DIV: REVELSTOKE ASSESSMENT REPORT 14721 INFO CLASS 4
LOCATION: LAT. 51 40.0 LONG. 118 28.3 NTS: 82M/ 9W
CLAIMS: NUGGET 3-8, MISTY 7-8
OPERATOR: PATRICK, J.
AUTHOR: PATRICK, J. SAINT, S.
DESCRIPTION: MOST OF THE PROPERTY IS COVERED BY FOREST. THE SELF-POTENTIAL METHOD WAS USED BECAUSE IT CAN DETECT MASSIVE SULPHIDE MINERALIZATION. THE SURVEY RESULTS INCLUDE ANOMALOUS VALUES THAT REQUIRE FOLLOW-UP EVALUATION.
WORK DONE: SPOT 4.5 KM
LINE 2.6 KM
REFERENCES: A.R. 14721

REG

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14505 INFO CLASS 3
LOCATION: LAT. 51 35.5 LONG. 119 34.3 NTS: 82M/12E
CLAIMS: REG 2-3
OPERATOR: NEWMONT EX. OF CAN.
AUTHOR: LIMION, H.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY FOLDED, FAULTED AND METAMORPHOSED SEDIMENTARY AND INTERMEDIATE VOLCANIC ROCKS OF THE PALEOZOIC AGE EAGLE BAY FORMATION. DISSEMINATED CHALCOPYRITE, PYRITE, PYRRHOTITE AND MINOR MAGNETITE OCCUR IN ANDESITES AND ALTERED ARGILLITES. AN OVERTURNED ANTICLINE WITH SOUTHERLY DIPPING LIMBS IS CONJECTURED. TWO DISCRETE PULSE ELECTROMAGNETIC CONDUCTORS WERE IDENTIFIED FROM THE SURVEY.
WORK DONE: MAGG 30.0 KM
EMGR 30.0 KM;PEM
LINE 30.0 KM
REFERENCES: A.R. 5909,6383,6933,13557,14505

AURIC

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15213 INFO CLASS 3
LOCATION: LAT. 51 35.5 LONG. 119 58.8 NTS: 82M/12W
CLAIMS: AURIC
OPERATOR: ORWELL RES.
AUTHOR: VON EINSIEDEL
DESCRIPTION: THE CLAIM IS UNDERLAIN BY VOLCANICLASTIC ROCKS OF THE DEVONIAN-MISSISSIPPIAN EAGLE BAY FORMATION WHICH HAVE BEEN CROSSCUT BY LATER FELSIC DYKES. THE GEOPHYSICAL SURVEYS RETURNED ANOMALOUS RESULTS.
WORK DONE: GEOL 1:2500
MAGG 18.0 KM
EMGR 18.0 KM
SOIL 123;MULTIELEMENT
ROCK 14;MULTIELEMENT
LINE 18.0 KM
REFERENCES: A.R. 15213

CW

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14485 INFO CLASS 2
LOCATION: LAT. 51 37.3 LONG. 119 59.8 NTS: 82M/12W 92P/ 9E
CLAIMS: WATER 5-9
OPERATOR: NEWMONT EX. OF CAN.
AUTHOR: LIMION, H.
COMMODITIES: COPPER, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A NORTHWEST TRENDING GENTLY DIPPING SEQUENCE OF FELSIC TO MAFIC VOLCANICS OF THE DEVONIAN-MISSISSIPPIAN EAGLE BAY FORMATION. THESE ROCKS ARE IN THRUST FAULT CONTACT WITH BASALTS AND CHERTS OF THE PERMIAN AGE FENNEL FORMATION. GOLD ASSOCIATED WITH MINOR CHALCOPYRITE MINERALIZATION OCCUR IN A SILICEOUS EXHALITE MEMBER OF THE EAGLE BAY FORMATION FELSIC VOLCANICS. THE GEOPHYSICAL SURVEY IDENTIFIED NORTHWEST TRENDING MAGNETIC FEATURES AND TWO DISCRETE ELECTROMAGNETIC CONDUCTORS.
WORK DONE: MAGG 47.0 KM
EMGR 47.0 KM;PEM
LINE 56.0 KM
REFERENCES: A.R. 6562,7575,13559,14485
M.I. 082M 159-CW

RAFT

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15076 INFO CLASS 3
LOCATION: LAT. 51 39.5 LONG. 119 56.5 NTS: 82M/12W
CLAIMS: RAFT 1-2
OPERATOR: BP RES. CAN.
AUTHOR: FARMER, R. HOFFMAN, S.
DESCRIPTION: THE REGIONAL GEOLOGY IN THE AREA OF THE RAFT CLAIMS CONSISTS OF WEST STRIKING QUARTZ-SERICITE SCHIST DERIVED FROM INTERMEDIATE TO FELSIC VOLCANICS AND GREY TO BROWN PHYLLITES (METASEDIMENTS) OF THE DEVONIAN TO MISSISSIPPIAN EAGLE BAY FORMATION. TWO NARROW (10 CENTIMETRES AND 1 METRE) STRATIFORM PYRITE-CHALCOPYRITE-SPHALERITE SHOWINGS ARE PRESENT; ONE ON THE RAFT 1 AND ONE ON THE RAFT 2.
WORK DONE: SOIL 106;MULTIELEMENT
LINE 4.5 KM
REFERENCES: A.R. 15076

SHOH

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15303 INFO CLASS 4
LOCATION: LAT. 51 32.0 LONG. 119 55.0 NTS: 82M/12W
CLAIMS: SHOH
OPERATOR: HRKAC, R.
AUTHOR: OSTENSOE, E.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY METASEDIMENTS AND METAVOLCANICS OF THE DEVONIAN-MISSISSIPPIAN EAGLE BAY FORMATION. SOIL GEOCHEMISTRY RESULTS ARE INCONCLUSIVE.
WORK DONE: SOIL 42;AU
ROCK 2;AU
REFERENCES: A.R. 14054,15303

TIA

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14206 INFO CLASS 3
LOCATION: LAT. 51 33.0 LONG. 119 50.0 NTS: 82M/12W
CLAIMS: TIA 1
OPERATOR: NU CROWN RES.
AUTHOR: BELIK, G.
DESCRIPTION: BASALTIC TO RHYOLITIC FLOWS AND TUFFS OF PROBABLE PALEOZOIC AGE HOST STRATABOUND ZONES OF ANOMALOUS VALUES OF LEAD-ZINC-COPPER-BARIUM 0.39 METRES TO 30 METRES WIDE. THE ANOMALIES ARE ASSOCIATED WITH BROAD ZONES OF MODERATE TO STRONG

SERICITE ALTERATION ALONG THE NORTHERN FLANK OF A COARSE PYROCLASTIC SEQUENCE.
WORK DONE: ROCK 70;CU,PB,ZN,AG,AU,BA
DIAD 426.73 M;4 HOLES,NQ
SAMP 15;CU,PB,ZN,AG,AU,BA
ROAD 2.8 KM
REFERENCES: A.R. 13862,14206

TIA

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15236 INFO CLASS 3
LOCATION: LAT. 51 33.4 LONG. 119 47.8 NTS: 82M/12W
CLAIMS: TIA 14
OPERATOR: NU CROWN RES.
AUTHOR: BELIK, G.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY DEVONIAN-MISSISSIPPIAN EAGLE BAY FORMATION METAVOLCANICS AND METASEDIMENTS. THE GEOPHYSICAL SURVEY IDENTIFIED A DISCRETE MAGNETIC HIGH ZONE.
WORK DONE: MAGG 12.5 KM
LINE 13.5 KM
REFERENCES: A.R. 6317,13862,14206,15236

TINKIRK, BIG CHIEF

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14728 INFO CLASS 4
LOCATION: LAT. 51 36.2 LONG. 119 46.3 NTS: 82M/12W
CLAIMS: NOBLE 5
OPERATOR: PLACER DEV.
AUTHOR: PINSENT, R.
COMMODITIES: SILVER, LEAD, GOLD, COPPER
DESCRIPTION: THE CLAIM IS UNDERLAIN BY DEFORMED AND METAMORPHOSED SEDIMENTARY AND VOLCANIC ROCKS OF THE MISSISSIPPIAN AGE EAGLE BAY FORMATION. LOCAL, NARROW SULPHIDE RICH QUARTZ VEINS OCCUR, ENRICHED IN ZINC, LEAD, COPPER, ARSENIC, MERCURY AND GOLD VALUES. THE SOIL SURVEY INDICATED NO SYSTEMATIC ENRICHMENT IN BASE OR PRECIOUS METALS.
WORK DONE: SOIL 44;MULTIELEMENT
ROCK 19;MULTIELEMENT
REFERENCES: A.R. 436,5813,6174,6603,6931,12080,13463,14728
M.I. 082M 032-TINKIRK;082M 035-BIG CHIEF

TU

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14380 INFO CLASS 2
LOCATION: LAT. 51 48.0 LONG. 119 35.5 NTS: 82M/13E
CLAIMS: TU-100, TU-200, TU-300, TU-400, TU-500, TU 3
OPERATOR: NORANDA EX.
AUTHOR: HELSEN, J.
COMMODITIES: TUNGSTEN
DESCRIPTION: SCHEELITE OCCURS IN WEDGES IN CALCAREOUS SCHISTS AND SKARNS AT THE EDGE OF A MUSCOVITE GRANITIC INTRUSION WHICH IS PART OF THE SHUSWAP METAMORPHIC COMPLEX. FLUVIO-GLACIAL ACTION AND PLACER EFFECTS SHOWED A LARGER AND RICHER MINRALIZATION THAN COULD BE SUBSTANTIATED BY TRENCHING AND SUBSEQUENT DRILLING. THE LENGTH OF THE MINERALIZED ZONE IS LESS THAN 50 METRES AND PINCHES OUT AT LESS THAN 30 METRES OF DEPTH. VALUES OF TUNGSTEN RANGED TO 1.68 PER CENT OVER 0.5 METRES.
WORK DONE: GEOL 1:200
SOIL 1064;CU,ZN,PB,AG,W
ROCK 339;CU,ZN,PB,W
DIAD 303.7 M;8 HOLES,NQ
PETR 1
LINE 53.7 KM
TREN 609.0 M;15 TRENCHES
REFERENCES: A.R. 14380
M.I. 082M 056-TU

GOLDEN 82N

ICE

MINING DIV: REVELSTOKE ASSESSMENT REPORT 14749 INFO CLASS 4
LOCATION: LAT. 51 2.0 LONG. 117 43.4 NTS: 82N/ 4E
CLAIMS: CASS 2-3
OPERATOR: GRAF, C.
AUTHOR: GRAF, C.
COMMODITIES: TUNGSTEN
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A SEQUENCE OF DEVONIAN-CAMBRIAN AGE HAMILL OR LARDEAU GROUP QUARTZITES. MINERALIZATION CONSISTS OF SCHEELITE AND PYRITE IN SILICIFIED ZONES IN MICACEOUS QUARTZITES. THE SURVEY CONFIRMED THE PRESENCE OF MINERALIZATION.
WORK DONE: SOIL 6;MULTIELEMENT

SILT 12;MULTIELEMENT
ROCK 9;MULTIELEMENT
PROS 1:12500
REFERENCES: A.R. 3725,14749
M.I. 082N 036-ICE

ALLCO

MINING DIV: REVELSTOKE ASSESSMENT REPORT 14403 INFO CLASS 4
LOCATION: LAT. 51 13.5 LONG. 117 59.0 NTS: 82N/ 4W 82N/ 4W
CLAIMS: LIMESTONE DIKE, MIDAS 3-4, MIDAS 6
OPERATOR: NUGGET MINES
AUTHOR: ALLEN, D.
COMMODITIES: SILVER, LEAD, ZINC, TIN
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY INTENSELY DEFORMED LOWER CAMBRIAN LIMESTONE OF THE BADSHOT FORMATION AND ARGILLITE OF THE LARDEAU GROUP. SILVER-LEAD-ZINC MINERALIZATION OCCURS IN PODS, DISCONTINUOUS LENSES, QUARTZ VEINS AND BRECCIA ZONES ALONG THE LIMESTONE-ARGILLITE CONTACT. THE GEOCHEMICAL SURVEY RETURNED ANOMALOUS SOIL VALUES IN LEAD AND ZINC IN OVERBURDEN COVERED AREAS.
WORK DONE: EMGR 1.7 KM;VLF
SOIL 51;MULTIELEMENT
SILT 2;MULTIELEMENT
ROCK 4;MULTIELEMENT
LINE 3.3 KM
REFERENCES: A.R. 12041,13288,14403
M.I. 082N 016-ALLCO
ANN. RPT. 1919, P. N141; 1931, P. A149;
1935, P. E19

JACK

MINING DIV: GOLDEN ASSESSMENT REPORT 15289 INFO CLASS 3
LOCATION: LAT. 51 54.2 LONG. 117 7.5 NTS: 82N/14E
CLAIMS: JACK, STEW, HUGO, MARLENE, CHUCK, JOHN, FRANK
OPERATOR: DIA MET MIN.
AUTHOR: FIPKE, C.
DESCRIPTION: GEMSTONE
AT LEAST ONE KIMBERLITIC DIATREME WITH DIAMOND AND DIAMOND INDICATOR MINERALS VERTICALLY TRUNCATES NORTHWESTERLY, ISOCLINALLY FOLDED AND THRUST-FAULTED MARINE CARBONATES AND SLATES OF SILURIAN TO CAMBRIAN IN AGE.
WORK DONE: MNGR 43,HEAVY MIN.
REFERENCES: A.R. 13597,15289
M.I. 082N 088-JACK

MIKE

MINING DIV: GOLDEN ASSESSMENT REPORT 14748 INFO CLASS 3
LOCATION: LAT. 51 49.5 LONG. 117 0.5 NTS: 82N/14E 82N/15W
CLAIMS: MIKE I
OPERATOR: AAR RES.
AUTHOR: NORTHCOTE, K.
DESCRIPTION: THE MIKE I CLAIM IS UNDERLAIN BY UPPER CAMBRIAN-ORDOVICIAN SEDIMENTS CONSISTING OF FOLDED AND BEDDED LIMESTONE, ARGILLACEOUS LIMESTONE, LIMY SHALE AND DOLOMITE. AT LEAST TWO KIMBERLITIC DIATREME PIPES CUT THIS STRATA. THE MAIN OR SOUTHWEST DIATREME IS A POLYPHASE CARBONATE RICH BRECCIA WHICH CONTAINS SMALL AMOUNTS OF CHROME DIOPSIDE, CHROMITE, ILMENITE AND SERPENTIZED MATERIAL.
WORK DONE: MAGG 14.2 KM
MNGR 1
REFERENCES: A.R. 14748

MARK

MINING DIV: GOLDEN ASSESSMENT REPORT 15151 INFO CLASS 3
LOCATION: LAT. 51 47.0 LONG. 116 58.0 NTS: 82N/15W
CLAIMS: BILL 1, MARK I-II
OPERATOR: DIA MET MIN.
AUTHOR: FIPKE, C.
COMMODITIES: GEMSTONE
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY CAMBRIAN TO ORDOVICIAN MARINE CARBONATES WHICH ARE INTRUDED BY AT LEAST SEVEN KIMBERLITIC PIPES. PETROGRAPHIC AND MINERALOGRAPHIC STUDIES CONFIRMED THE PRESENCE OF KIMBERLITE CRATER FACIES ROCKS.
WORK DONE: PETR 16 THIN SECTIONS
MNGR 3 BULK SAMPLES
REFERENCES: A.R. 13596,15151
M.I. 082N 089-MARK

CANOE RIVER 83D

BEND NORTH ROAD ZONE

MINING DIV: GOLDEN ASSESSMENT REPORT 15251 INFO CLASS 3
LOCATION: LAT. 52 4.3 LONG. 118 16.7 NTS: 83D/ 1E 83D/ 1W
CLAIMS: MGM
OPERATOR: ESSO RES. CAN.
AUTHOR: MARR, J.
COMMODITIES: LEAD, ZINC, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY CAMBRIAN SEDIMENTARY CLASTIC AND CARBONATE ROCKS OF THE TSAR CREEK FORMATION (INFORMAL). MINERALIZATION CONSISTING CONSISTING OF PYRITE, GALENA AND SPHALERITE AS VEINS IN MANGANIFEROUS DOLOMITE. THE DRILLING PROGRAM FAILED TO INTERSECT THE SULPHIDE HORIZON.
WORK DONE: DIAD 211.9 M;2 HOLES,BQ
SAMP 1;AU,AG,PB,ZN
REFERENCES: A.R. 9994,11565,12155,15251
M.I. 083D 002-BEND NORTH ROAD ZONE
ANN. RPT. 1959, PP. 90-105

VICTORIA 92B

PATRIARCHE

MINING DIV: VICTORIA ASSESSMENT REPORT 15088 INFO CLASS 4
LOCATION: LAT. 48 30.2 LONG. 123 33.2 NTS: 92B/12E
CLAIMS: TUNNEL HILL I, TUNNEL HILL II, TUNNEL HILL III
TUNNEL HILL IV, TUNNEL HILL V, TUNNEL HILL VI
TUNNEL HILL VII
OPERATOR: MCLEOD, J.
AUTHOR: MCLEOD, J.
COMMODITIES: COPPER, LEAD
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY INTERCALATED SEDIMENTS AND VOLCANICS AND INTRUSIVE ROCKS. THE BEDDED ROCKS STRIKE NORTH AND DIP NEARLY VERTICALLY. ALTERATION NOTED WAS MINOR CHLORITE-SERICITE IN THE VOLCANICS, WHITE "AUGENED" INCLUSIONS IN THE GRAPHITIC SCHIST AND SOME QUARTZ VEINING IN BOTH. MINERALIZATION OCCURS IN ISOLATED OUTCROPS AS PYRRHOTITE, MINOR MAGNETITE AND VERY MINOR CHALCOPYRITE.
WORK DONE: ROCK 15;MULTIELEMENT

PROS 1:12500
REFERENCES: A.R. 15088
M.I. 092B 103-PATRIARCHE

SIL

MINING DIV: VICTORIA ASSESSMENT REPORT 15218 INFO CLASS 3
LOCATION: LAT. 48 40.8 LONG. 123 39.7 NTS: 92B/12E
CLAIMS: SIL 3-4
OPERATOR: HOLLYCROFT RES.
AUTHOR: GETSINGER, J.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN PARTLY BY SEDIMENTARY AND VOLCANICLASTIC ROCKS OF THE PALEOZOIC SICKER GROUP, INCLUDING THE SEDIMENT-SILL UNIT AND BUTTLE LAKE FORMATION LIMESTONE. THESE ARE OVERLAIN BY UPPER TRIASSIC KARMUTSEN FORMATION VOLCANICS, ALL OF WHICH ARE INTRUDED BY GRANODIORITE TO QUARTZ DIORITE OF THE KOKSILAH STOCK AND UNCONFORMABLY OVERLAIN BY THE UPPER CRETACEOUS NANAIMO GROUP. A MINERALIZED ZONE NEAR THE KOKSILAH RIVER ON THE SIL 4 CLAIM WITHIN SEDIMENTARY AND VOLCANICLASTIC ROCKS CONTAIN SEMI-MASSIVE PYRITE, PLUS/MINUS PYRRHOTITE, CHALCOPYRITE AND MAGNETITE.
WORK DONE: GEOL 1:10000
ROCK 34;MULTIELEMENT
ROCK 5;WHOLE ROCK
REFERENCES: A.R. 15218

SIL

MINING DIV: VICTORIA ASSESSMENT REPORT 15219 INFO CLASS 3
LOCATION: LAT. 48 41.0 LONG. 123 43.5 NTS: 92B/12E
CLAIMS: SIL 1-2, SIL 5
OPERATOR: NEXUS RES.
AUTHOR: GETSINGER, J.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN PARTLY BY SEDIMENTARY AND VOLCANICLASTIC ROCKS OF THE PALEOZOIC SICKER GROUP, INCLUDING THE SEDIMENT-SILL UNIT AND POSSIBLY THE BUTTLE LAKE FORMATION LIMESTONE. THESE ARE OVERLAIN BY UPPER TRIASSIC KARMUTSEN FORMATION VOLCANICS, ALL OF WHICH ARE INTRUDED BY GRANODIORITE TO QUARTZ DIORITE OF THE KOKSILAH STOCK AND UNCONFORMABLY OVERLAIN BY THE UPPER CRETACEOUS NANAIMO GROUP. IN THE SOUTHERN PART OF THE SIL 2 CLAIM, SOME CHALCOPYRITE MINERALIZATION WAS OBSERVED IN SICKER GROUP ROCKS.

WORK DONE: GEOL 1:10000
ROCK 18;MULTIELEMENT
ROCK 3;WHOLE ROCK
REFERENCES: A.R. 15219

FRS

MINING DIV: VICTORIA ASSESSMENT REPORT 14640 INFO CLASS 4
LOCATION: LAT. 48 31.0 LONG. 123 49.0 NTS: 92B/12W
CLAIMS: FRS 9, FRS 11-12
OPERATOR: SHANDLER, F.
AUTHOR: SHANDLER, F.
DESCRIPTION: THE FRS CLAIMS ARE LOCATED ON THE EAST-WEST TRENDING LEECH RIVER FAULT WHICH JUXTAPOSES JURA-CRETACEOUS METASEDIMENTARY ROCKS OF THE LEECH RIVER TERRANE TO THE NORTH, WITH TERTIARY VOLCANIC ROCKS OF THE METCHOSIN TERRANE. QUARTZ-BIOTITE SCHIST IS THE ONLY ROCK TYPE IDENTIFIED ON THE PROPERTY. SAMPLES TAKEN FROM QUARTZ VEINS DID NOT RETURN SIGNIFICANT PRECIOUS METAL VALUES.
WORK DONE: ROCK 17;AU,AG
PROS 1:1000
REFERENCES: A.R. 14640

LEECH

MINING DIV: VICTORIA ASSESSMENT REPORT 14691 INFO CLASS 4
LOCATION: LAT. 48 33.0 LONG. 123 52.5 NTS: 92B/12W
CLAIMS: LEECH 2-3
OPERATOR: JOHNSON, E.
AUTHOR: JOHNSON, E. FLITTON, C.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY JURASSIC META-GREYWACKES AND META-ARGILLITES OF THE LEECH RIVER FORMATION. THE METASEDIMENTARY SCHISTS ARE CUT BY ABUNDANT THIN QUARTZ STRINGERS.
WORK DONE: SOIL 20;AU
PROS 1:14290
REFERENCES: A.R. 14691

LEECH, WEST

MINING DIV: VICTORIA ASSESSMENT REPORT 14820 INFO CLASS 4
LOCATION: LAT. 48 33.7 LONG. 123 51.5 NTS: 92B/12W
CLAIMS: WEST 3, LEECH 1-2
OPERATOR: JOHNSON, E.
AUTHOR: CARTER, N.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER JURASSIC-CRETACEOUS LEECH RIVER FORMATION METASEDIMENTS. THE DRILLING INTERSECTED QUARTZ BIOTITE AND GRAPHITIC SCHISTS CONTAINING PYRITIC QUARTZ VEINLETS.
WORK DONE: DIAD 36.6 M;3 HOLES,XR
LINE 15.5 KM
REFERENCES: A.R. 14691,14820

VICTORY

MINING DIV: VICTORIA ASSESSMENT REPORT 14414 INFO CLASS 3
LOCATION: LAT. 48 36.3 LONG. 123 59.9 NTS: 92B/12W 92C/ 9E
CLAIMS: LINDA, WOLF, COUGAR
OPERATOR: TRI-PACIFIC RES.
AUTHOR: FORBES, J. CROWE, G.
COMMODITIES: ANTIMONY, TUNGSTEN
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY JURASSIC BONANZA GROUP VOLCANIC FLOWS AND PYROCLASTICS IN FAULT CONTACT WITH TRIASSIC TO CRETACEOUS AGE LEECH RIVER FORMATION ARGILLITES TO THE SOUTH. MINERALIZATION CONSISTS OF EAST-WEST TRENDING PYRITIC VOLCANICS, TUFFS AND COARSER VOLCANICLASTICS WITH ASSOCIATED SILICA, SERICITE, CHLORITE AND CLAY ALTERATION. THE GEOCHEMICAL AND GEOPHYSICAL SURVEY RESULTS APPEAR TO REFLECT A VEIN SYSTEM FROM AN ADJOINING PROPERTY.
WORK DONE: GEOL 1:5000
MAGG 8.7 KM
EMGR 8.9 KM;VLF
SOIL 81;MULTIELEMENT
ROCK 50;MULTIELEMENT
LINE 4.5 KM
REFERENCES: A.R. 1656,T4702,14414
M.I. 092B 095-VICTORY

VICTORY

MINING DIV: VICTORIA ASSESSMENT REPORT 14702 INFO CLASS 3
LOCATION: LAT. 48 36.3 LONG. 123 58.9 NTS: 92B/12W 92C/ 9E
CLAIMS: LINDA, TERI, DEBBIE, COUGAR
OPERATOR: TRI-PACIFIC RES.
AUTHOR: CROWE, G. MAGRUM, M.
COMMODITIES: ANTIMONY, TUNGSTEN, GOLD
DESCRIPTION: METAVOLCANICS AND METASEDIMENTS OF THE JURASSIC BONANZA GROUP ARE IN FAULT CONTACT WITH THE JURASSIC LEECH RIVER FORMATION. THE ROCKS STRIKE EAST-WEST AND DIP MODERATELY TO THE NORTH. TWO TYPES OF MINERALIZATION ARE PRESENT: 1) NORTHEAST STRIKING QUARTZ, ANTIMONY AND GOLD VEINS IN A CARBONATE ALTERATION ZONE MEASURING ABOUT 300 METRES BY 30 METRES; 2) SILICA-PYRITE (CHLORITE-SERICITE) ALTERED VOLCANICS/VOLCANICLASTICS HOSTING COPPER-GOLD VALUES.
WORK DONE: EMGR 25.0 KM;VLF
SOIL 614;AU,CU,AS,SB
ROCK 56;MULTIELEMENT
REFERENCES: A.R. 1656,14414,14702
M.I. 092B 095-VICTORY

CROF

MINING DIV: VICTORIA ASSESSMENT REPORT 14497 INFO CLASS 3
LOCATION: LAT. 48 50.0 LONG. 123 37.5 NTS: 92B/13E
CLAIMS: CROF 1
OPERATOR: CANAMAX RES.
AUTHOR: FLEMING, D. BRUCE, D.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY PALEOZOIC SICKER GROUP ROCKS CONSISTING OF MAFIC TUFFS, CHLORITE SCHIST AND PYROXENE PORPHYRY WHICH ARE INTRUDED BY SILLS AND DYKES OF QUARTZ FELDSPAR PORPHYRY. THESE ROCKS ARE IN TURN INTRUDED BY FELDSPAR PORPHYRITIC HORNBLENDE DIORITE. PYRITE AND TRACES OF CHALCOPYRITE OCCUR LOCALLY IN FOLIATED CHLORITE SCHIST. ISOLATED ANOMALOUS MULTIELEMENT SOIL VALUES OCCUR.
WORK DONE: SOIL 380;CU,PB,ZN,AG,AU
LINE 20.6 KM
REFERENCES: A.R. 14497

FLY

MINING DIV: VICTORIA ASSESSMENT REPORT 14669 INFO CLASS 2
LOCATION: LAT. 48 55.4 LONG. 123 48.9 NTS: 92B/13E 92B/13W
CLAIMS: JRM 1-3, JRM 7-8
OPERATOR: UTAH MINES
AUTHOR: HOLLAND, G. ORD, R.
COMMODITIES: IRON, COPPER
DESCRIPTION: THE UNDERLYING ROCKS ARE FLOWS, PYROCLASTICS AND EPICLASTICS OF THE MYRA AND NITINAT FORMATIONS OF THE PALEOZOIC SICKER GROUP. SEDIMENTARY HORIZONS INCLUDE GRAPHITIC ARGILLITE, CHERT, AND JASPER-MAGNETITE IRON FORMATION. ALTERATION IS REGIONAL LOWER GREENSCHIST FACIES. MINOR DISSEMINATED CHALCOPYRITE OCCUR IN AND AROUND FAULT STRUCTURES.
WORK DONE: MAGG 74.0 KM
EMGR 116.5 KM
IPOL 10.8 KM
SOIL 303;MULTIELEMENT
LINE 28.1 KM
REFERENCES: A.R. 12048,12315,12788,14669
M.I. 092B 076-FLY

QUEEN BEE, BELLE, NORTHEAST COPPER

MINING DIV: VICTORIA ASSESSMENT REPORT 14735 INFO CLASS 2
LOCATION: LAT. 48 52.5 LONG. 123 47.0 NTS: 92B/13E 92B/13W
CLAIMS: ROCKY 5, BONNIE III
OPERATOR: FALCONBRIDGE COPPER
AUTHOR: LEFEBURE, D.
COMMODITIES: GOLD, COPPER
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY FELSIC AND MAFIC VOLCANICLASTIC ROCKS AND FLOWS BELONGING TO THE MYRA FORMATION OF THE PALEOZOIC SICKER GROUP. TRIASSIC DIORITE DYKES CROSSCUT THE STRATIGRAPHY. THE CONFORMABLE UNITS FORM A GEANTICLINAL STRUCTURE WHICH PLUNGES GENTLY TO THE WEST. EAST TRENDING AND NORTHEAST TRENDING FAULTS OF VARYING DISPLACEMENTS DIVIDE THE AREA INTO NUMEROUS FAULT BLOCKS.
WORK DONE: DIAD 1502.0 M;5 HOLES,NQ
REFERENCES: A.R. 1104,1714,3741,3950,3951,4904,5164,6699, 6996,7434,7714,7875,8168,8264,12172,12317,14735
M.I. 092B 001-LENORA;092B 002-TYEE;092B 003-RICHARD III;092B 088-QUEEN BEE (L.100G);092B 089-BELLE;092B 099-NORTHEAST COPPER ZONE

CHIP

MINING DIV: VICTORIA ASSESSMENT REPORT 14712 INFO CLASS 3
LOCATION: LAT. 48 54.0 LONG. 123 57.0 NTS: 92B/13W 92C/16E
CLAIMS: CHIP 1-5, CHIP 8
OPERATOR: KIDD CREEK MINES
AUTHOR: HENDRICKSON, G.
DESCRIPTION: THE SURVEY AREA IS UNDERLAIN BY METAMORPHOSED VOLCANICS AND SEDIMENTARY ROCKS OF THE PALEOZOIC SICKER GROUP. SEVERAL ELECTROMAGNETIC AND INDUCED POLARIZATION CONDUCTORS ARE PRESENT ON THE PROPERTY.
WORK DONE: MAGG 40.0 KM
EMGR 40.0 KM;VLF,HLEM
IPOL 50.0 KM
LINE 50.0 KM
REFERENCES: A.R. 11345,14712

CORONATION

MINING DIV: VICTORIA ASSESSMENT REPORT 14492 INFO CLASS 2
LOCATION: LAT. 48 52.9 LONG. 123 54.3 NTS: 92B/13W
CLAIMS: SOLLY, SILVER 1
OPERATOR: ABERFORD RES.
AUTHOR: BLACKADAR, D.
COMMODITIES: ZINC, COPPER, SILVER, GOLD, LEAD, BARIUM
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY THE PALEOZOIC SICKER GROUP CONSISTING OF STEEPLY DIPPING WEST-NORTHWEST STRIKING RHYOLITIC TO BASALTIC ROCKS OF THE MYRA FORMATION. MINERALIZATION IS HOSTED BY FELSIC TO INTERMEDIATE PYROCLASTICS AND GENERALLY OCCURS AS DISSEMINATIONS, BANDS AND LAMINAE. THE MINERALIZATION OFTEN EXHIBITS A CROSS-CUTTING RELATIONSHIP WITH THE ENCLOSING FELSIC VOLCANICS. SULPHIDE MINERALS INCLUDE PYRITE, SPHALERITE, LESSER CHALCOPYRITE, MINOR GALENA AND TETRAHEDRITE.
WORK DONE: DIAD 2030.2 M;11 HOLES,BQ
SAMP 141;MULTIELEMENT
REFERENCES: A.R. 936,3099,4626,6972,7183,7435,10116,11123,13655,14492
M.I. 092B 104-CORONATION

IMP

MINING DIV: NANAIMO ASSESSMENT REPORT 14793 INFO CLASS 3
LOCATION: LAT. 48 57.5 LONG. 124 1.0 NTS: 92B/13W 92C/16E
CLAIMS: IMP K, IMP W, IMP J, IMP L
OPERATOR: IMPERIAL METALS
AUTHOR: CLARK, A.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY THE PENNSYLVANIAN AGE SEDIMENT-SILL UNIT AND DEVONIAN AGE MYRA FORMATION INTERMEDIATE TO FELSIC VOLCANICS OF THE PALEOZOIC AGE SICKER GROUP. THE SURVEY RESULTS PROVED TO BE INCONCLUSIVE.
WORK DONE: GEOL 1:2000,1:1000
MAGG 9.6 KM
SOIL 627;MULTIELEMENT
ROCK 19;MULTIELEMENT
PETR 23 THIN SECTIONS
TOPO 1:2000,1:1000
REFERENCES: A.R. 11097,11098,12378,12678,13359,13468,14793

LADY A, LADY B, ANITA

MINING DIV: VICTORIA ASSESSMENT REPORT 15136 INFO CLASS 4
LOCATION: LAT. 48 55.3 LONG. 123 56.8 NTS: 92B/13W
CLAIMS: ERMELINA 5-11, LADY 2
OPERATOR: RAFAEL RES.
AUTHOR: GREEN, K.
COMMODITIES: IRON, COPPER, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY FELSIC VOLCANICLASTIC AND SEDIMENTARY ROCKS OF THE MYRA FORMATION AND THE SEDIMENT. SILL TRANSITIONAL UNIT OF PALEOZOIC AGE. MINERALIZATION CONSISTS OF BANDED MAGNETITE WITH MINOR HEMATITE IN GREY CHERT OR RED JASPER HORIZONS. NEARBY, MINERALIZED QUARTZ VEINS OCCUR IN FISSURES WITHIN SCHISTOSE ROCKS AND CARRY COPPER AND SILVER VALUES. GEOPHYSICAL RESULTS HAVE DEFINED TWO CONDUCTIVE TRENDS.
WORK DONE: EMGR 8.7 KM;VLF
SOIL 55;MULTIELEMENT
REFERENCES: A.R. 12525,15136
M.I. 092B 029-LADY B;092B 033-LADY A;092B 037-ANITA

NEVER SWEAT, MYRA

MINING DIV: VICTORIA ASSESSMENT REPORT 15389 INFO CLASS 3
LOCATION: LAT. 48 52.0 LONG. 123 56.6 NTS: 92B/13W
CLAIMS: MYRA, NEVER SWEAT
OPERATOR: INT. CHEROKEE DEV.
AUTHOR: GETSINGER, J.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A NORTHWEST TRENDING SEQUENCE OF PALEOZOIC VOLCANIC AND SEDIMENTARY ROCKS OF THE SICKER GROUP, INCLUDING THE MYRA FORMATION AND SEDIMENT-SILL UNIT; JURASSIC INTRUSIVES; AND UPPER CRETACEOUS NEARSHORE SEDIMENTARY ROCKS OF THE NANAIMO GROUP. A SEQUENCE OF CHERTY SEDIMENTS CONTAINING LAYERED MAGNETITE AND PYRITE LENSES (?) ON AN ADJACENT PROPERTY HAVE BEEN TRACED SOUTHEAST ONTO THE NEVER SWEAT CLAIM IN THE FORM OF WEAKLY MAGNETIC, BANDED IRON-RICH SEDIMENTS. VALUES OF UP TO 170 PPB GOLD HAVE BEEN OBTAINED FROM ROCK CHIP SAMPLES.
WORK DONE: GEOL 1:10000,1:2500
MAGG 10.0 KM
SOIL 344;MULTIELEMENT
SILT 1;MULTIELEMENT
ROCK 73;MULTIELEMENT
REFERENCES: A.R. 15389

NORTHEAST COPPER

MINING DIV: VICTORIA ASSESSMENT REPORT 14929 INFO CLASS 3
LOCATION: LAT. 48 52.4 LONG. 123 45.1 NTS: 92B/13W
CLAIMS: ACME FR., CF GROUP 1-8, ROCKY 2, ROCKY 5, ROCKY 6 FR. CF GROUP 13-18, ACME, TONY, DONAGAN, DIXIE FR. GOLDEN ROD, NELLENA, MOLINE FR., BLUE BELL, ESTELLE
OPERATOR: FALCONBRIDGE COPPER
AUTHOR: DAVIDSON, A.
COMMODITIES: COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY FELSIC AND MAFIC VOLCANICLASTIC ROCKS AND FLOWS BELONGING TO THE MYRA FORMATION OF THE PALEOZOIC SICKER GROUP. TRIASSIC DIORITE DYKES CROSSCUT THE STRATIGRAPHY. THE CONFORMABLE UNITS FORM A GEANTICLINAL STRUCTURE WHICH PLUNGES GENTLY TO THE WEST. EAST-TRENDING AND NORTHEAST-TRENDING FAULTS OF VARYING DISPLACEMENTS DIVIDE THE AREA INTO NUMEROUS FAULT BLOCKS. THE DRILL PROGRAM TESTED FOR MASSIVE SULPHIDES ALONG STRIKE OR DOWN DIP OF MINERALIZED CHERT EXHALITES AT NORTHEAST COPPER ZONE BUT NEITHER OF THE HOLES INTERSECTED MASSIVE SULPHIDES,

WORK DONE: DIAD 649.0 M;2 HOLES,NQ
REFERENCES: A.R. 12317,14735,14929
M.I. 092B 099-NORTHEAST COPPER ZONE

PAUPER, WATER POWER-BRENTON

MINING DIV: VICTORIA ASSESSMENT REPORT 14411 INFO CLASS 2
LOCATION: LAT. 48 52.5 LONG. 123 49.5 NTS: 92B/13W
CLAIMS: BRENT 1, OAK 1-2
OPERATOR: KIDD CREEK MINES
AUTHOR: ENNS, S.
COMMODITIES: COPPER, SILVER, ZINC
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MYRA FORMATION FELSIC TO INTERMEDIATE VOLCANICS AND SEDIMENT-SILL UNIT, BOTH BELONGING TO THE PALEOZOIC SICKER GROUP. A VARIETY OF GABBROIC INTRUSIONS CUT THE SUCCESSION. CHALCOPYRITE AND PYRITE STRINGERS AND A PERVASIVELY MINERALIZED INTERMEDIATE TUFF UNIT WERE ENCOUNTERED IN DRILLING 300 METRES NORTHWEST OF THE SHARON COPPER ADIT. THE BEST INTERSECTION ASSAYED 9.2 METRES OF 0.55 PER CENT COPPER. AT SILVER CREEK A ZONE OF SPHALERITE-PYRRHOTITE STRINGERS WAS ENCOUNTERED IN DARK INTERMEDIATE VOLCANICLASTICS AND YIELDED AN ASSAY OF 1.0 PER CENT ZINC ACROSS 6.3 METRES TRUE WIDTH.
WORK DONE: DIAD 1534.5 M;7 HOLES,NQ
SAMP 200;MULTIELEMENT
REFERENCES: A.R. 936,6548,7273,11166,12379,13744,14411
M.I. 092B 040-PAUPER;092B 041-WATER POWER BRENTON

POGO

MINING DIV: VICTORIA ASSESSMENT REPORT 14462 INFO CLASS 3
LOCATION: LAT. 48 54.1 LONG. 124 0.3 NTS: 92B/13W 92C/16E
CLAIMS: COW 12-16
OPERATOR: J.B.L. RES.
AUTHOR: NEALE, T. HAWKINS, T.
COMMODITIES: COPPER, LEAD, ZINC
DESCRIPTION: MOST OF THE PROPERTY IS UNDERLAIN BY CHERTY ARGILLITE WITH DIABSIC SILL-LIKE BODIES OF THE PALEOZOIC SICKER GROUP SEDIMENT-SILL UNIT AND BY MYRA FORMATION LITHOLOGIES THAT OUTCROP IN THE SOUTHWEST CORNER OF THE CLAIMS. THE SICKER GROUP ROCKS ARE INTRUDED BY GRANODIORITE TO QUARTZ DIORITE ROCKS OF THE ISLAND INTRUSIONS. SULPHIDE MINERALIZATION CONSISTING OF PYRITE AND PYRRHOTITE

IS WIDESPREAD IN THE SICKER ROCKS ALTHOUGH GENERALLY IN LOW CONCENTRATIONS. LOCAL REMOBILIZATION AND CONCENTRATION OF SULPHIDES HAS OCCURRED, ESPECIALLY NEAR INTRUSIVE BODIES.

WORK DONE: GEOL 1:10000
ROCK 29;MULTIELEMENT
REFERENCES: A.R. 566,14462
M.I. 092C 074-POGO

POLY

MINING DIV: VICTORIA ASSESSMENT REPORT 14919 INFO CLASS 4
LOCATION: LAT. 48 51.1 LONG. 123 54.0 NTS: 92B/13W
CLAIMS: POLY, POLY 2
OPERATOR: SPECOGNA, E.
AUTHOR: SPECOGNA, E.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PALEOZOIC SICKER GROUP ROCKS AND UPPER CRETACEOUS NANAIMO GROUP SEDIMENTS.
WORK DONE: ROCK 30;AU,AG,HG
PROS 1:22650
PITS 2
REFERENCES: A.R. 14919

STANLEY CREEK

MINING DIV: VICTORIA ASSESSMENT REPORT 15013 INFO CLASS 3
LOCATION: LAT. 48 51.2 LONG. 124 0.4 NTS: 92B/13W 92C/16E
CLAIMS: COW 7, COW 9-11
OPERATOR: INTL. CHEROKEE DEV.
AUTHOR: NEALE, T. HAWKINS, T.
COMMODITIES: GOLD, SILVER, COPPER, MANGANESE, RHODONITE
DESCRIPTION: THE CHEM PROPERTY IS UNDERLAIN BY NORTHWEST-TRENDING PALEOZOIC SICKER GROUP ROCKS (MYRA FORMATION AND SEDIMENT-SILL UNIT), JURASSIC ISLAND INTRUSION GRANODIORITE TO DIORITE, AND CRETACEOUS NANAIMO GROUP SEDIMENTS. SULPHIDE MINERALIZATION AND MULTI-ELEMENT GEOCHEMICAL ANOMALIES OCCUR ON PRIMARY LAYERING AND/OR SHEAR ZONES IN SICKER ROCKS INCLUDING VOLCANICS, VOLCANICLASTICS, MANGANESE-BEARING SEDIMENTS, CHERTY TUFF, ARGILLITE AND AURIFEROUS MAGNETITE/PYRITE-BEARING HORIZONS.
WORK DONE: GEOL 1:10000
SOIL 624;MULTIELEMENT
SILT 57;MULTIELEMENT

SAMP 189;AU,AG
PETR 12 THIN SECTIONS
REFERENCES: A.R. 15013
M.I. 092C 116-STANLEY CREEK

CAPE FLATTERY 92C

FRASER

MINING DIV: VICTORIA ASSESSMENT REPORT 15111 INFO CLASS 4
LOCATION: LAT. 48 44.8 LONG. 124 3.3 NTS: 92C/ 9E
CLAIMS: MAXI
OPERATOR: STRATA ENERGY
AUTHOR: CROOKER, G.
COMMODITIES: COPPER
DESCRIPTION: THE MAXI CLAIM IS UNDERLAIN BY LOWER JURASSIC BONANZA GROUP VOLCANICS. SMALL IRREGULARLY SHAPED BODIES OF MIDDLE JURASSIC GRANODIORITE INTRUDE THE VOLCANICS. MINERALIZATION IS RELATED TO SKARNS AT THE CONTACT OF THE VOLCANICS AND INTRUSIVES. THE SKARNS CONTAIN MAGNETITE, PYRRHOTITE AND CHALCOPYRITE AND ARE EXPOSED AT THE HILLCREST, ANOMALY, ARROW AND ROACHES SHOWINGS. SEVERAL COINCIDENTAL MAGNETIC HIGHS AND ELECTROMAGNETIC CONDUCTORS PROBABLY INDICATE SKARN MINERALIZATION.
WORK DONE: MAGG 2.6 KM
EMGR 5.7 KM;VLF
LINE 5.9 KM
REFERENCES: A.R. 8209,9856,15111
M.I. 092C 036-FRASER
EXPL. 1980-155

HTC, DENTER

MINING DIV: VICTORIA ASSESSMENT REPORT 14967 INFO CLASS 3
LOCATION: LAT. 48 33.8 LONG. 124 12.2 NTS: 92C/ 9E
CLAIMS: DENTER 4, HTC 1-2, VG 2-3, VAL, BLAKENEY 1, VG
OPERATOR: EXPEDITOR RES. GROUP
AUTHOR: SMALLWOOD, A.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY METAMORPHOSED PELITIC SEDIMENTS OF THE LEECH RIVER FORMATION WHICH ARE INTRUDED BY CONCORDANT TO SEMI-CONCORDANT DIORITIC AND FELSIC SILLS. ANOMALOUS MULTIELEMENT VALUES

OCCUR IN SOIL.
WORK DONE: GEOL 1:5000
SOIL 689;AS,AG
SILT 9;AS,AG
ROCK 57;AS,AG,AU
HMIN 26;AS,AG,AU
REFERENCES: A.R. 14967

MIDAS

MINING DIV: VICTORIA ASSESSMENT REPORT 14686 INFO CLASS 3
LOCATION: LAT. 48 36.0 LONG. 124 16.0 NTS: 92C/ 9E 92C/ 9W
CLAIMS: MIDAS 1, LIZARD 1-4, RENFREW 1-3, FAIRY 1-4
OPERATOR: PAN ISLAND RES.
AUTHOR: SMALLWOOD, A.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY JURASSIC INTRUSIVE ROCKS WHICH ARE IN FAULT CONTACT TO THE SOUTH WITH THE LEECH RIVER COMPLEX CONSISTING OF METAMORPHOSED PELITIC ROCKS, SANDSTONE, MINOR CHERT AND VOLCANIC ROCKS. GEOCHEMICAL (SOIL AND STREAM SEDIMENT) ANOMALIES OF CHROMIUM, NICKEL, COBALT AND COPPER WERE DISCOVERED DURING THE 1985 SAMPLING PROGRAM, BUT THE SOURCE HAS NOT YET BEEN IDENTIFIED.
WORK DONE: SOIL 307;MULTIELEMENT
SILT 159;MULTIELEMENT
ROCK 6;MULTIELEMENT
HMIN 11;CU,NI,CO,AU
REFERENCES: A.R. 8278,12885,14686

RED DOG

MINING DIV: VICTORIA ASSESSMENT REPORT 15295 INFO CLASS 3
LOCATION: LAT. 48 40.9 LONG. 124 9.3 NTS: 92C/ 9E
CLAIMS: F.R.S. 1, HELGA 1
OPERATOR: BEAU PRE EX.
AUTHOR: PEATFIELD, G.
COMMODITIES: COPPER, SILVER, GOLD, ZINC
DESCRIPTION: ANDESITIC AND BASALTIC LAVAS AND PYROCLASTICS (TRIASSIC KARMUTSEN FM.?) WITH INTERCALATED GREY LIMESTONE UNITS ARE INTRUDED BY VARIOUS GRANITIC ROCKS PROBABLY RELATED TO THE JURASSIC ISLAND INTRUSIONS. SMALL PODS OF SKARN MINERALIZATION CONTAIN CHALCOPYRITE, MAGNETITE, AND IN SOME CASES SPHALERITE.
WORK DONE: GEOL 1:12500

SOIL 31;MULTIELEMENT
ROCK 1;CU,AG,AU
SAMP 5;CU,ZN,AG,AU
REFERENCES: A.R. 6380,6502,12743,14565,15295
M.I. 092C 012-RED DOG

RENFREW, LIZARD

MINING DIV: VICTORIA ASSESSMENT REPORT 14968 INFO CLASS 3
LOCATION: LAT. 48 36.3 LONG. 124 16.5 NTS: 92C/ 9E 92C/ 9W
CLAIMS: RENFREW 3, LIZARD 1-3
OPERATOR: PAN ISLAND RES.
AUTHOR: SMALLWOOD, A.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY INTERMEDIATE TO MAFIC INTRUSIVES, GNEISS AND SERPENTINITE OF THE JURASSIC ISLAND INTRUSIONS. GEOCHEMICAL SOIL SURVEY RESULTS ARE LOW.
WORK DONE: GEOL 1:5000
SOIL 226;AG,AS,AU
SILT 1;AG,AS,AU
ROCK 6;AG,AS,AU
REFERENCES: A.R. 14968

OX

MINING DIV: VICTORIA ASSESSMENT REPORT 14699 INFO CLASS 3
LOCATION: LAT. 48 33.9 LONG. 124 18.6 NTS: 92C/ 9W
CLAIMS: OX
OPERATOR: TAVELA, M.
AUTHOR: TAVELA, M.
COMMODITIES: GOLD
DESCRIPTION: THE AREA IS UNDERLAIN BY LATE JURASSIC-EARLY CRETACEOUS AGE METASEDIMENTARY ROCKS OF THE LEECH RIVER FORMATION THAT ARE INTRUDED BY APLITE SILLS AND DYKES. MINERALIZATION CONSISTS OF DISSEMINATED PYRITE, PYRRHOTITE AND ARSENOPYRITE WITH MINOR FREE GOLD.
WORK DONE: MAGG 1.5 KM
SOIL 47;AU
ROCK 107;AU
REFERENCES: A.R. 9807,10519,14699
M.I. 092C 059-OX

OX

MINING DIV: VICTORIA ASSESSMENT REPORT 15105 INFO CLASS 3
LOCATION: LAT. 48 33.9 LONG. 124 18.6 NTS: 92C/ 9W
CLAIMS: OX 4
OPERATOR: TAVELA, M.
AUTHOR: TAVELA, M.
COMMODITIES: GOLD
DESCRIPTION: FOUR GOLD-BEARING QUARTZ VEINS CUT INTO LEECH RIVER FORMATION AT A CONTACT OF A DIORITE AND SHALE. THE OUTER VEINS ARE 190 METRES APART AND TWO VEINS ARE IN THE CENTRE. ALL THE VEINS ARE EXPOSED ALONG WEST-NORTHWEST STRIKING CREEK. THE VEINS STRIKE SOUTH-SOUTHWEST AND DIP VERTICALLY.
WORK DONE: GEOL 1:2500
SOIL 15;AU
ROCK 4;AU
REFERENCES: A.R. 9807,10519,14699,15105
M.I. 092C 059-OX

VAL

MINING DIV: VICTORIA ASSESSMENT REPORT 15262 INFO CLASS 3
LOCATION: LAT. 48 35.2 LONG. 124 22.8 NTS: 92C/ 9W
CLAIMS: MIDAS 1-2, MURTON, PACHENA
OPERATOR: PAN ISLAND RES.
AUTHOR: DEMCZUK, L.
COMMODITIES: COPPER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY METAMORPHOSED PELITIC SEDIMENTS OF THE LEECH RIVER FORMATION AND CUT BY FELDSPAR PORPHYRY AND GRANODIORITE DYKES. STRUCTURALLY THE ROCKS TREND EAST-WEST AND DIP STEEPLY TO THE SOUTH. PYRITE, PYRRHOTITE, ARSENOPYRITE AND OCCASIONALLY CHALCOPYRITE MINERALIZATION WITH VERY ANOMALOUS ARSENIC AND SLIGHTLY ELEVATED GOLD VALUES OCCURS IN THE FELSIC DYKE.
WORK DONE: GEOL 1:5000
SOIL 225;AS,AU
SILT 33;AS,AU
ROCK 100;AS,AU
HMIN 11;AS,AU
LINE 8.7 KM
REFERENCES: A.R. 3672,4359,4940,4941,12184,15262
M.I. 092C 089-VAL

HEATHER

MINING DIV: VICTORIA ASSESSMENT REPORT 15206 INFO CLASS 3
LOCATION: LAT. 48 59.0 LONG. 124 29.8 NTS: 92C/15E 92C/16W
CLAIMS: TANIA S 3, TANIA-S, CAROL-S
OPERATOR: INT. CHEROKEE DEV.
AUTHOR: GIBSON, H.
COMMODITIES: COPPER, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PALEOZOIC SICKER GROUP VOLCANICS WHERE MYRA FORMATION INTERMEDIATE TO FELSIC VOLCANICS OCCUR WITHIN TWO WESTERLY-TRENDING, FAULT-BOUNDED BELTS SEPARATED BY BASALTIC VOLCANICS OF THE NITINAT FORMATION. MINERALIZATION CONSISTS OF GOLD-BEARING PYRITIC QUARTZ VEINS THAT OCCUR IN A SHEAR ZONE. A STRONG COINCIDENT INDUCED POLARIZATION AND VLF CONDUCTOR WAS IDENTIFIED.
WORK DONE: MAGG 28.3 KM
EMGR 28.3 KM;VLF
IPOL 21.0 KM
LINE 33.4 KM
REFERENCES: A.R. 11303,12445,13516,15206
M.I. 092C 127-HEATHER

MARG

MINING DIV: ALBERNI ASSESSMENT REPORT 14432 INFO CLASS 4
LOCATION: LAT. 48 47.0 LONG. 124 43.7 NTS: 92C/15E
CLAIMS: FITINAT
OPERATOR: UMEX
AUTHOR: PETO, P.
COMMODITIES: COPPER, IRON
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MIDDLE JURASSIC GRANITIC INTRUSIVES AND LOWER JURASSIC BONANZA FORMATION VOLCANIC BRECCIAS AND FLOWS. PYRITE OCCURS ALONG THE INTRUSIVE MARGINS, IN FAULT ZONES AND IN QUARTZ VEIN STOCKWORKS. THE DRILL PROGRAM TESTED PREVIOUSLY DELINEATED GEOCHEMICAL AND GEOPHYSICAL ANOMALIES. THE RESULTS WERE DISAPPOINTING.
WORK DONE: DIAD 73.5 M;2 HOLES,IAX
SAMP 24;MULTIELEMENT
REFERENCES: A.R. 8288,10619,11889,12814,13849,14432
M.I. 092C 111-MARG

SOUTHERN CROSS

MINING DIV: ALBERNI ASSESSMENT REPORT 15015 INFO CLASS 4
LOCATION: LAT. 48 55.3 LONG. 124 35.9 NTS: 92C/15E
CLAIMS: WALLY 1
OPERATOR: ORBEX MIN.
AUTHOR: FOX, P.
COMMODITIES: COPPER, SILVER
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC QUATSINO FORMATION LIMESTONE AND LOWER JURASSIC BONANZA GROUP VOLCANICS. CHALCOPYRITE-BEARING SKARN IS DEVELOPED IN CALCAREOUS ROCKS OF THE QUATSINO FORMATION AND IN BONANZA GROUP VOLCANIC ROCKS. ROCK CHIP SAMPLES RETURNED LOW GOLD VALUES.
WORK DONE: ROCK 4;CU,AG,AU
PROS 1:4000
REFERENCES: A.R. 291,2115,3098,3375,3723,4105,15015
M.I. 092C 034-SOUTHERN CROSS

HAPPY JOHN

MINING DIV: ALBERNI ASSESSMENT REPORT 15199 INFO CLASS 3
LOCATION: LAT. 48 59.8 LONG. 124 57.1 NTS: 92C/15W
CLAIMS: HAPPY JOHN, HAPPY JOHN 1-2, HAPPY JOHN 3 FR
HAPPY JOHN 4, GREEN MOUNTAIN, SILVER KING, COPPER QUEEN
ST. GEORGE, DORA, CONSTANCE FR., LIQUID, SUNSHINE
OPERATOR: CHELAN RES.
AUTHOR: FALCONER, J.
COMMODITIES: COPPER, IRON
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LATE TRIASSIC QUATSINO FORMATION LIMESTONE INTRUDED AND OVERLAIN BY EARLY JURASSIC BONANZA GROUP MAFIC TO FELSIC VOLCANICS. METASOMATIZED LIMESTONE BODIES FEATURE LOW GRADE SKARNIFICATION AND ARE VARIABLY MINERALIZED WITH PYRITE, CHALCOPYRITE, MAGNETITE AND PYRRHOTITE. ANOMALOUS SOIL GEOCHEMICAL RESULTS AND GEOPHYSICAL RESULTS WERE OBTAINED.
WORK DONE: GEOL 1:5000
MAGG 24.3 KM
EMGR 40.1 KM;VLF
SOIL 500;MULTIELEMENT
SILT 3;MULTIELEMENT
ROCK 96;MULTIELEMENT
LINE 46.4 KM
REFERENCES: A.R. 15199
M.I. 092C 008-HAPPY JOHN

SIL

MINING DIV: ALBERNI ASSESSMENT REPORT 14964 INFO CLASS 3
LOCATION: LAT. 48 51.4 LONG. 124 59.3 NTS: 92C/15W
CLAIMS: SIL 2
OPERATOR: RISE RES.
AUTHOR: GONZALEZ, R.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY LOWER JURASSIC VOLCANIC ROCKS OF THE BONANZA GROUP CONSISTING OF DARK GREEN ANDESITES AND RHYOLITES. SURVEY RESULTS FAILED TO IDENTIFY ANY ANOMALOUS AREAS.
WORK DONE: MAGG 3.0 KM
SOIL 73;MULTIELEMENT
SILT 4;MULTIELEMENT
ROCK 15;MULTIELEMENT
HMIN 3;MULTIELEMENT
PROS 1:12500
REFERENCES: A.R. 14964

CANDY, ROCKY, WARDROPER, MEADE

MINING DIV: VICTORIA ASSESSMENT REPORT 15117 INFO CLASS 2
LOCATION: LAT. 48 54.0 LONG. 124 12.0 NTS: 92C/16E
CLAIMS: STRIKER 2-4, FOOTLOOSE, COTT, ZIP, THRILLER, RIDGE STRIKER 6
OPERATOR: UTAH MINES
AUTHOR: COWLEY, P. ORD, R.
COMMODITIES: COPPER, RHODONITE
DESCRIPTION: A LATE PALEOZOIC THROUGH MESOZOIC SEQUENCE OF VOLCANIC, SEDIMENTARY AND GRANITIC ROCK IS EXPOSED ON THE PROPERTY. A DOMINANT NORTHWEST TREND IS EVIDENT IN STRUCTURES AND ROCK FABRIC AND DISTRIBUTION. THE SILURIAN-PERMIAN AGE SICKER GROUP ROCKS HAVE EXPERIENCED GREENSTONE METAMORPHISM. MINERALIZATION ON THE PROPERTY IS LIMITED TO INTRUSIVE-RELATED COPPER-MOLYBDENUM-GOLD-ZINC VEINS AND SHEAR ZONES, RHODONITE/JASPER/MAGNETITE PODS ANOMALOUS IN MOLYBDENUM-GOLD-COPPER AND SYNDEPOSITIONAL PYRITE IN ARGILLITES ANOMALOUS IN ZINC-SILVER-MOLYBDENUM-ARSENIC.
WORK DONE: GEOL 1:5000,1:2500
MAGG 50.7 KM
EMGR 50.4 KM;VLF
SOIL 135;MULTIELEMENT
SILT 501;MULTIELEMENT
ROCK 484;MULTIELEMENT
LINE 40.7 KM
REFERENCES: A.R. 13962,14302,15117

M.I. 092C 076-CANDY;092C 113-ROCKY;092C 114-WARDROPER;092C 115-MEADE

COW

MINING DIV: VICTORIA ASSESSMENT REPORT 14891 INFO CLASS 3
LOCATION: LAT. 48 51.2 LONG. 124 5.0 NTS: 92C/16E
CLAIMS: COW, COW 2-4
OPERATOR: INT. CHEROKEE DEV.
AUTHOR: NEALE, T. HAWKINS, T.
DESCRIPTION: THE PROPERTY IS UNDERLAIN MAINLY BY BASALTIC FLOWS OF THE SICKER GROUP NITINAT FORMATION (PALEOZOIC) AND A TABULAR DIORITE BODY OF THE ISLAND INTRUSIONS. PYRITE IS DISSEMINATED IN HORNFELSED BASALT NEAR THE INTRUSIVE CONTACT AND OCCURS IN FRACTURE FILLINGS AND SHEAR ZONES IN BASALT AND DIORITE. SILT SAMPLING IDENTIFIED ANOMALOUS MULTIELEMENT VALUES.
WORK DONE: GEOL 1:10000
SILT 44;MULTIELEMENT
ROCK 13;MULTIELEMENT
REFERENCES: A.R. 14891

ECHO

MINING DIV: VICTORIA ASSESSMENT REPORT 14996 INFO CLASS 4
LOCATION: LAT. 48 47.2 LONG. 124 11.2 NTS: 92C/16E
CLAIMS: ECHO 1-4
OPERATOR: ORBEX IND.
AUTHOR: FOX, P.
COMMODITIES: COPPER, GOLD, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY FELDSPAR PORPHYRITIC BASALT AND CRYSTAL TUFFS OF THE LOWER JURASSIC BONANZA GROUP. A SHEAR ZONE MINERALIZED WITH CHALCOPYRITE CARRIES GOLD AND SILVER VALUES.
WORK DONE: ROCK 15;CU,AG,AU
PROS 1:2000
REFERENCES: A.R. 10331,14996
M.I. 092C 128-ECHO

EL CAPITAN, COTTONWOOD, PAINT POT

MINING DIV: VICTORIA ASSESSMENT REPORT 15065 INFO CLASS 3
LOCATION: LAT. 48 57.2 LONG. 124 13.2 NTS: 92C/16E
CLAIMS: CAPITAN, SPANIARD
OPERATOR: DAYTON DEV.
AUTHOR: CHRISTOPHER, P.
COMMODITIES: GOLD, SILVER, COPPER
DESCRIPTION: SHOWINGS ON THE CAPITAN CLAIM CONSIST OF SHEARS THROUGH LATE TRIASSIC KARMUTSEN FORMATION BASALTS CONTAINING VALUES IN GOLD, SILVER AND COPPER. LITHOLOGIES ON THE SPANIARD CLAIM, WITHIN SICKER GROUP VOLCANIC ROCKS CONTAIN FERRUGINOUS AND MANGANIFEROUS CHERT IN AN AREA OF GEOCHEMICALLY ANOMALOUS GOLD, SILVER, ARSENIC, BARIUM AND MOLYBDENUM.
WORK DONE: GEOL 1:10000,1:5000
SOIL 407;MULTIELEMENT
SILT 34;MULTIELEMENT
ROCK 85;MULTIELEMENT
TREN 35.0 M
REFERENCES: A.R. 7832,15065
M.I. 092C 019-EL CAPITAN;092C 020-COTTONWOOD;
092C 043-PAINT POT

TREK

MINING DIV: NANAIMO ASSESSMENT REPORT 15082 INFO CLASS 3
LOCATION: LAT. 48 56.5 LONG. 124 3.0 NTS: 92C/16E
CLAIMS: TREK
OPERATOR: TREK RES.
AUTHOR: POLONI, J.
DESCRIPTION: THE DRILL HOLE ENCOUNTERED SCHISTS, PHYLLITES AND SCHISTOSE ANDESITES. GOLD, SILVER AND COPPER ASSAYS ARE LOW.
WORK DONE: DIAD 122.5 M;1 HOLE, BQ
SAMP 39;AU,AG,CU
REFERENCES: A.R. 15082

WHYMP

MINING DIV: VICTORIA ASSESSMENT REPORT 14792 INFO CLASS 3
LOCATION: LAT. 48 56.5 LONG. 124 11.5 NTS: 92C/16E
CLAIMS: WHYMP 1-2
OPERATOR: IMPERIAL METALS
AUTHOR: CLARK, A.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY MIDDLE PENNSYLVANIAN

SICKER GROUP SEDIMENTARY ROCKS, UPPER TRIASSIC KARMUTSEN BASALTIC VOLCANICS AND JURASSIC ISLAND INTRUSIONS OF GRANODIORITE TO QUARTZ DIORITE COMPOSITION. RESULTS FROM THE GEOCHEMICAL AND GEOPHYSICAL SURVEY SHOW WEAK BASE AND PRECIOUS METAL ANOMALIES AND WEAK ELECTROMAGNETIC ANOMALIES RESPECTIVELY.

WORK DONE: EMGR 8.8 KM;VLF
SOIL 208;MULTIELEMENT
LINE 8.8 KM
REFERENCES: A.R. 13333,14792

AMORE

MINING DIV: VICTORIA ASSESSMENT REPORT 15258 INFO CLASS 4
LOCATION: LAT. 48 57.6 LONG. 124 17.4 NTS: 92C/16W
CLAIMS: AMORE, AMORE 2
OPERATOR: CANAMIN RES.
AUTHOR: SPECOGNA, M.
COMMODITIES: GOLD, SILVER
DESCRIPTION: SICKER GROUP ROCKS ARE CUT BY GOLD-BEARING QUARTZ VEINS AND ANOMALOUS AMOUNTS OF COPPER, LEAD, ZINC, SILVER AND MERCURY.
WORK DONE: SOIL 52;MULTIELEMENT
SILT 3;MULTIELEMENT
ROCK 15;MULTIELEMENT
PROS 1:5000,1:1000
REFERENCES: A.R. 6963,7187,7880,7908,8782,9861,10324,10970, 11302,12002,14116,14316,15258
M.I. 092C 117-AMORE

EAGLE

MINING DIV: VICTORIA ASSESSMENT REPORT 14925 INFO CLASS 4
LOCATION: LAT. 48 49.2 LONG. 124 18.6 NTS: 92C/16W
CLAIMS: EAGLE 4
OPERATOR: WESTERN FOREST IND.
AUTHOR: ALLAN, V.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC AGE VANCOUVER GROUP VOLCANICS AND LOWER JURASSIC AGE BONANZA GROUP VOLCANICS.
WORK DONE: GEOL 1:5000
REFERENCES: A.R. 14153,14925

FLIGHT

MINING DIV: VICTORIA ASSESSMENT REPORT 14821 INFO CLASS 3
LOCATION: LAT. 49 0.3 LONG. 124 23.9 NTS: 92C/16W 92F/ 1W
CLAIMS: FLIGHT 1, FLIGHT 3
OPERATOR: UTAH MINES
AUTHOR: COWLEY, P.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY EARLY PALEOZOIC AGE NITINAT FORMATION MAFIC VOLCANICS AND MYRA FORMATION INTERMEDIATE VOLCANICS. NO SIGNIFICANT MINERALIZATION WAS ENCOUNTERED.
WORK DONE: GEOL 1:5000
SOIL 20;MULTIELEMENT
SILT 55;MULTIELEMENT
ROCK 13;MULTIELEMENT
REFERENCES: A.R. 14821

JOSS

MINING DIV: VICTORIA ASSESSMENT REPORT 14828 INFO CLASS 3
LOCATION: LAT. 48 56.8 LONG. 124 26.3 NTS: 92C/16W
CLAIMS: JOSS 1-5
OPERATOR: UTAH MINES
AUTHOR: COWLEY, P.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A NORTHWEST TRENDING PACKAGE OF MID-PALEOZOIC AGE SICKER GROUP ANDESITIC TUFF AND LAPILLI TUFF, BASALTIC AGGLOMERATE AND FLOWS AND CHERTY ASH TUFF. NO SIGNIFICANT MINERALIZATION HAS BEEN FOUND.
WORK DONE: GEOL 1:5000
SOIL 57;MULTIELEMENT
SILT 46;MULTIELEMENT
ROCK 96;MULTIELEMENT
REFERENCES: A.R. 14828

AGNES, PACO, BROWN JUG, THELMA, HESQUIAT LAKE

MINING DIV: ALBERNI ASSESSMENT REPORT 14694 INFO CLASS 3
LOCATION: LAT. 49 29.0 LONG. 126 23.5 NTS: 92E/ 8W 92E/ 9W
CLAIMS: LAKE, LAKE 2, BASIN 1-2, ISLE 1-2
OPERATOR: FLOW RES.
AUTHOR: KURAN, D.
COMMODITIES: GOLD, SILVER, ZINC, LEAD, COPPER
DESCRIPTION: THE HESQUIAT LAKE CLAIM GROUP IS UNDERLAIN BY PALEOZOIC SICKER GROUP METASEDIMENTARY ROCKS, JURASSIC ISLAND INTRUSIONS AND CARBONIFEROUS WEST COAST COMPLEX BASIC INTRUSIONS, IN AN EXTENSIVELY BLOCK FAULTED REGION. THE BROWN JUG SHOWING CONSISTS OF A POLYMETALLIC FISSURE FILLING VEIN ZONE WITHIN METASEDIMENTARY SICKER GROUP ROCKS. A 1984 DIAMOND DRILLING PROGRAM INTERSECTED 2.38 METRES OF 8.02 GRAMMES/TONNE GOLD, INCLUDING 0.55 METRES OF 24.5 GRAMMES/TONNE GOLD AND 127 GRAMMES/TONNE SILVER.
WORK DONE: DIAD 654.0 M;13 HOLES,BQ
SAMP 80;CU,PB,ZN,AG,AU
REFERENCES: A.R. 462,463,464,2179,4103,11159,12380,14694
M.I. 092E 013-AGNES;092E 014-PACO;092E 016-BROWN JUG;092E 031-THELMA;092E 054-HESQUIAT LAKE

JUNE

MINING DIV: ALBERNI ASSESSMENT REPORT 14981 INFO CLASS 3
LOCATION: LAT. 49 37.0 LONG. 126 3.9 NTS: 92E/ 9E
CLAIMS: ADOLA
OPERATOR: ADOLA MIN.
AUTHOR: CROFT, S.
COMMODITIES: GOLD, SILVER, COPPER, LEAD, ZINC
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC KARMUTSEN FORMATION ANDESITES WHERE MINERALIZATION CONSISTING OF CHALCOPYRITE, GALENA, SPHALERITE, PYRITE PYRRHOTITE AND MAGNETITE OCCUR IN QUARTZ VEINS AND SILICIFIED ZONES. THE GEOPHYSICAL SURVEY IDENTIFIED A NORTHWEST MAGNETIC TREND AND SEVERAL WEAK VLF ELECTROMAGNETIC CONDUCTORS.
WORK DONE: MAGG 5.8 KM
EMGR 5.8 KM;VLF
SOIL 231;MULTIELEMENT
LINE 5.8 KM

REFERENCES: A.R. 6415,14981
M.I. 092E 018-JUNE

ECLIPSE

MINING DIV: ALBERNI ASSESSMENT REPORT 15153 INFO CLASS 3
LOCATION: LAT. 50 0.2 LONG. 127 5.0 NTS: 92E/14E 92L/ 3E
CLAIMS: ECLIPSE 1-4, DL 1-4
OPERATOR: CORTEZ EX.
AUTHOR: NORTHCOTE, K.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A POLYPHYASE GRANODIORITE OF THE MIDDLE JURASSIC ISLAND INTRUSIONS. NORTHERLY TO NORTHEASTERLY TRENDING MULTI-GENERATION FRACTURES FOLLOW NARROW INTERRUPTED MAFIC DYKES. THE MAIN SHATTER-SHEAR-GOUGE ZONE IS A FRACTION OF A CENTIMETRES TO SEVERAL CENTIMETRES WIDE, FLANKED BY ZONES OF LESS INTENSE SHEARING EXTENDING A FEW CENTIMETRES TO SEVERAL METRES INTO THE WALL ROCK. HYDROTHERMAL SILICIFICATION, CHLORITIZATION, EPIDOTIZATION, BIOTITIZATION WITH SULPHIDE, NATIVE GOLD AND BISMUTH TELLURIDE MINERALIZATION ACCOMPANIES ONE OR MORE EPISODES OF FRACTURING.
WORK DONE: GEOL 1:500,1:100
SILT 12;AU
ROCK 35;AU
SAMP 31;AU,AG
TREN 25.0 M;4 TRENCHES
REFERENCES: A.R. 14744,15153
M.I. 092L 101-ECLIPSE

RUSTAND

MINING DIV: ALBERNI ASSESSMENT REPORT 14796 INFO CLASS 3
LOCATION: LAT. 49 53.0 LONG. 127 1.4 NTS: 92E/14E
CLAIMS: MONARCH
OPERATOR: HQ MIN.
AUTHOR: NORTHCOTE, K.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE PORT ELIZA GOLD STRUCTURE PARALLELS THE GENERAL TREND OF A NUMBER OF MAFIC DYKES IN ISLAND INTRUSION (JURASSIC) HOST ROCK. THE STRUCTURE CONSISTS OF A QUARTZ-VEIN-BRECCIA-SHEAR-GOUGE SYSTEM RANGING FROM A FEW CENTIMETRES TO MORE THAN A METRE IN WIDTH, STRIKING NORTHWESTERLY WITH MODERATE NORTHEASTERLY DIP. THE STRUCTURE EXTENDS

FOR A KNOWN LENGTH OF 240 METRES. FREE GOLD OCCURS WITH PYRITE AND OTHER VERY FINELY DIVIDED SULPHIDES IN A FAULT GOUGE. THE WALL ROCKS, MAINLY GRANODIORITE OR MAFIC DYKES, ARE STRONGLY SERICITIZED AND SILICIFIED. BEST ASSAY CONTAINS 55.7 GRAMMES/TONNE GOLD AND 5.8 GRAMMES/TONNE SILVER.

WORK DONE: GEOL 1:500
SAMP 40;AU,AG
PETR 40
REFERENCES: A.R. 14796
M.I. 092E 043-RUSTAND

JACKIE

MINING DIV: ALBERNI ASSESSMENT REPORT 15223 INFO CLASS 4
LOCATION: LAT. 50 0.4 LONG. 126 10.0 NTS: 92E/16E 92L/ 1E
CLAIMS: JACKIE
OPERATOR: CANAMIN RES.
AUTHOR: SPECOGNA, M.
COMMODITIES: LEAD, ZINC, COPPER, SILVER, GOLD
DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY UPPER TRIASSIC VANCOUVER GROUP VOLCANICS, SEDIMENTS AND LIMESTONE. SKARN TYPE MINERALIZATION OCCURS IN VOLCANICS AND SEDIMENTS AND SEEM TO BE RELATED TO INTRUSIVE SILLS.
WORK DONE: PROS 1:5000
ROAD 0.8 KM
TREN 4.0 M;1 TRENCH
REFERENCES: A.R. 14319,15223
M.I. 092L 219-JACKIE

NUMA

MINING DIV: ALBERNI ASSESSMENT REPORT 14627 INFO CLASS 3
LOCATION: LAT. 49 48.0 LONG. 126 20.2 NTS: 92E/16W
CLAIMS: NUMA, NUMA 5-10
OPERATOR: UMEX
AUTHOR: CAVEN, R.
COMMODITIES: MOLYBDENUM
DESCRIPTION: THE AREA IS UNDERLAIN BY BATHOLITHS OF THE JURASSIC ISLAND INTRUSIONS. THEY CONSIST OF GRANITOID ROCKS, AND INTRUDE SICKER SEDIMENTARY ROCKS OF PALEOZOIC AGE. SOME K-SPAR ALTERATION IS PRESENT ADJACENT TO QUARTZ VEINING WITHIN GRANITE, WHILE SICKER GROUP SEDIMENTARY ROCKS HAVE EPIDOTIZED AND SILICIFIED INTRUSIVE CONTACTS. MOLYBDENITE MINERALIZATION OCCURS WITHIN THE GRANITE ALONG JOINTS

AND FRACTURES. ASSOCIATED WITH THE MOLYBDENITE, THOUGH NOT WITHIN THE SAME FRACTURES OR JOINTS ARE VARYING AMOUNTS OF PYRITE. STEEP TO VERTICAL MINERALIZED VEINS STRIKE 135-160 DEGREES, 20-50 DEGREES AND 80-120 DEGREES.
WORK DONE: IPOL 3.9 KM
REFERENCES: A.R. 9707,13084,14627
M.I. 092E062-NUMA

ALBERNI 92F

MACMILLAN

MINING DIV: NANAIMO ASSESSMENT REPORT 14496 INFO CLASS 4
LOCATION: LAT. 49 6.3 LONG. 124 4.1 NTS: 92F/ 1E
CLAIMS: T.E.L. 1-4
OPERATOR: LISLE, T.
AUTHOR: LISLE, T.
COMMODITIES: COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC AGE KARMUTSEN FORMATION VOLCANICS IN CONTACT WITH UPPER CRETACEOUS AGE COMOX FORMATION SEDIMENTS. A MINERALIZED QUARTZ BRECCIA ZONE OCCURS PROXIMAL TO THIS CONTACT. ROCK GEOCHEMISTRY RETURNED LOW RESULTS.
WORK DONE: ROCK 10;AU,AG
REFERENCES: A.R. 12151,13451,14496
M.I. 092F 164-MACMILLAN

NANOOSE

MINING DIV: NANAIMO ASSESSMENT REPORT 14427 INFO CLASS 4
LOCATION: LAT. 49 12.0 LONG. 124 12.5 NTS: 92F/ 1E
CLAIMS: NANOOSE
OPERATOR: YOUNGMAN OIL & GAS
AUTHOR: BROWNLEE, D.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY MASSIVE ARGILLITES WITH INTERBEDDED ANDESITIC CRYSTAL TUFFS AND MINOR CHERTY SEDIMENTS OF THE MYRA FORMATION OF THE SICKER GROUP. THE GEOPHYSICAL SURVEY IDENTIFIED TWO POSSIBLE VLF-ELECTROMAGNETIC CONDUCTORS ELONGATED PARALLEL TO THE STRIKE OF THE GEOLOGICAL STRATA.

WORK DONE: EMGR 4.5 KM;VLF
ROCK 13;MULTIELEMENT
REFERENCES: A.R. 10372,14427

GREEN IMPERIAL

MINING DIV: NANAIMO ASSESSMENT REPORT 14830 INFO CLASS 3
LOCATION: LAT. 49 3.3 LONG. 124 20.6 NTS: 92F/ 1W
CLAIMS: GREEN IMPERIAL
OPERATOR: IMPERIAL METALS
AUTHOR: CLARK, A.
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY THE PALEOZOIC AGE SICKER GROUP CONSISTING OF VOLCANIC BRECCIAS, TUFF AND ARGILLITE AND UPPER TRIASSIC AGE KARMUTSEN FORMATION MAFIC VOLCANICS. SOIL SURVEY RESULTS ARE LOW.
WORK DONE: SOIL 274;MULTIELEMENT
ROCK 8;MULTIELEMENT
TOPO 1:2000
REFERENCES: A.R. 11079,13573,14830

IMPERIAL

MINING DIV: NANAIMO ASSESSMENT REPORT 15272 INFO CLASS 3
LOCATION: LAT. 49 5.0 LONG. 124 30.0 NTS: 92F/ 1W 92F/ 2E
CLAIMS: EAST IMPERIAL, WEST IMPERIAL
OPERATOR: IMPERIAL METALS
AUTHOR: CLARK, A.
DESCRIPTION: PYRITE MINERALIZATION IN VOLCANIC ROCKS OF INTERMEDIATE TO MAFIC COMPOSITION IS ACCOMPANIED BY ELEVATED VALUES OF BASE METALS AND PRECIOUS METALS.
WORK DONE: SOIL 92;MULTIELEMENT
SILT 26;MULTIELEMENT
ROCK 9;MULTIELEMENT
REFERENCES: A.R. 11080,13575,15272

SKARN

MINING DIV: NANAIMO ASSESSMENT REPORT 14729 INFO CLASS 2
LOCATION: LAT. 49 6.0 LONG. 124 28.3 NTS: 92F/ 1W
CLAIMS: TONI, LARRY, KATHY, JANE
OPERATOR: GOLDBRAE DEV.
AUTHOR: WHITE, G. FREEZE, J.
COMMODITIES: COPPER

DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PALEOZOIC AGE SICKER GROUP ROCKS CONSISTING OF VOLCANICLASTICS, INTERMEDIATE TO FELSIC VOLCANICS AND SEDIMENTS. TO THE SOUTH, UPPER TRIASSIC AGE KARMUTSEN FORMATION ROCKS OVERLY THE SICKER GROUP AND TO THE NORTH, UPPER CRETACEOUS COMOX FORMATION ROCKS ALSO OVERLY THE SICKER GROUP. SKARN TYPE MINERALIZATION CONSISTING OF MASSIVE MAGNETITE, PYRITE AND CHALCOPYRITE OCCUR PROXIMAL TO INTRUSIVE CONTACTS WITH LIMESTONE OR LIMY SEDIMENTS AND VOLCANICS. SEVERAL GEOPHYSICAL CONDUCTORS WERE IDENTIFIED IN ADDITION TO ANOMALOUS MULTIELEMENT SOIL ZONES.

WORK DONE: GEOL 1:2500,1:1250
MAGG 54.0 KM
EMGR 57.0 KM;VLF,PEM
IPOL 23.0 KM
SOIL 1478;CU,ZN,AG
ROCK 28;CU,PB,ZN,AG,AU
TOPO 1:2500,1:1250
LINE 54.0 KM

REFERENCES: A.R. 6585,7834,7953,8487,14729
M.I. 092F 182-SKARN

SPARK

MINING DIV: NANAIMO ASSESSMENT REPORT 15286 INFO CLASS 4
LOCATION: LAT. 49 3.0 LONG. 124 28.0 NTS: 92F/ 1W
CLAIMS: SPARK
OPERATOR: BASELINE RES.
AUTHOR: BRETT, D.

DESCRIPTION: THE UNDERLYING ROCKS ARE PORPHYRITIC AND NON-PORPHYRITIC HORNBLENDE ANDESITES, RHYOLITE, CONGLOMERATE, GREYWACKE AND BANDED CHERT NEAR A HORNBLENDE GRANODIORITE INTRUSIVE. THERE ARE TWO AGES OF QUARTZ VEINS. THE YOUNGER QUARTZ VEINS APPEAR TO BE ASSOCIATED WITH THE INTRUSION AND CARRY SOME PYRITE AND CHALCOPYRITE.

WORK DONE: SILT 15;MULTIELEMENT
PROS 1:22222

REFERENCES: A.R. 15286

ACE OF SPADES

MINING DIV: ALBERNI ASSESSMENT REPORT 14869 INFO CLASS 4
LOCATION: LAT. 49 12.0 LONG. 124 41.0 NTS: 92F/ 2E
CLAIMS: ACE OF SPADES
OPERATOR: AMSTAR VENTURE
AUTHOR: ROYER, G.
DESCRIPTION: THE CLAIM IS TOTALLY UNDERLAIN BY MAINLY INTERMEDIATE VOLCANIC OR HYPABYSSAL ROCKS (MESOZOIC) WITH THE FORMER PREDOMINATING. MOST OF THE ROCKS ARE DACITE SOMETIMES GRADING TO ANDESITES. ONE GEOCHEM ANOMALY OF 320 PPB GOLD WAS OBTAINED IN THE VICINITY OF OLD WORKINGS.
WORK DONE: SOIL 24;AU,AG,CU
PROS 1:2500
REFERENCES: A.R. 14869

APRIL

MINING DIV: ALBERNI ASSESSMENT REPORT 15288 INFO CLASS 4
LOCATION: LAT. 49 5.0 LONG. 124 39.5 NTS: 92F/ 2E
CLAIMS: APRIL
OPERATOR: NEXUS RES.
AUTHOR: NEALE, T. HAWKINS, T.
DESCRIPTION: THE APRIL CLAIM IS UNDERLAIN BY UPPER TRIASSIC KARMUTSEN FORMATION BASALTS WITH MINOR AMOUNTS OF PALEOZOIC BUTTLE LAKE FORMATION LIMESTONE IN THE NORTHEAST CORNER. QUARTZ-CARBONATE VEINING ASSOCIATED WITH A FAULT IN THE NORTHWEST AREA OF THE CLAIM RETURNED ANOMALOUS VALUES IN CADMIUM, GALLIUM, MANGANESE AND LEAD. A SOIL GEOCHEMICAL COPPER ANOMALY 500 METRES LONG BY 100 METRES WIDE WAS LOCATED PARALLEL TO A FAULT STRUCTURE.
WORK DONE: GEOL 1:5000
SOIL 70;MULTIELEMENT
SILT 1:MULTIELEMENT
ROCK 10;MULTIELEMENT
REFERENCES: A.R. 12696,15288

CHINA, GRIZZLY

MINING DIV: ALBERNI ASSESSMENT REPORT 15368 INFO CLASS 4
LOCATION: LAT. 49 9.9 LONG. 124 40.2 NTS: 92F/ 2E
CLAIMS: CHINA, GRIZZLY
OPERATOR: NEXUS RES.
AUTHOR: WATKINS, J.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC

KARMUTSEN FORMATION BASALTS IN FAULT CONTACT WITH PALEOZOIC SICKER GROUP AND UPPER CRETACEOUS NANAIMO GROUP ROCKS. THE GEOPHYSICAL SURVEY IDENTIFIED A BROAD MODERATE TO STRONG APPARENT RESISTIVITY LOW COINCIDENT WITH A VLF ELECTROMAGNETIC CONDUCTOR.

WORK DONE: EMGR 3.4 KM;VLF
IPOL 3.4 KM
SILT 15;CU,PB,ZN,AG,AU
REFERENCES: A.R. 15368

DDAM

MINING DIV: NANAIMO ASSESSMENT REPORT 14768 INFO CLASS 3
LOCATION: LAT. 49 11.0 LONG. 124 38.0 NTS: 92F/ 2E
CLAIMS: DDAM 1-2
OPERATOR: JONES, P.
AUTHOR: JONES, P. KONST, R.
COMMODITIES: THE CLAIMS COVER A NORTHWEST TRENDING SERIES OF
DESCRIPTION: MIXED GREEN AND RED FLOWS, PURPLE FLOWS, AGGLOMERATIC ANDESITES AND BANDED CHERTS, BANDED TUFFS, AND ANDESITE PILLOW LAVAS. THESE ROCKS ARE MEMBERS OF THE NITINAT AND MYRA FORMATIONS, SICKER GROUP (PALEOZOIC AGE).
WORK DONE: SILT 5;CU,ZN,PB,AG,AU
ROCK 40;CU,ZN,PB,AG,AU
PROS 1:38000
REFERENCES: A.R. 14768

DEBBIE

MINING DIV: ALBERNI ASSESSMENT REPORT 15287 INFO CLASS 4
LOCATION: LAT. 49 14.0 LONG. 124 42.0 NTS: 92F/ 2E
CLAIMS: DEBBIE 3
OPERATOR: WESTMIN RES.
AUTHOR: WALKER, R.
COMMODITIES: GOLD, SILVER, COPPER, LEAD, ZINC
DESCRIPTION: THE AREA IS UNDERLAIN BY THE MID-PALEOZOIC MYRA FORMATION OF THE SICKER GROUP. BASALTIC VOLCANICS AND VOLCANICLASTICS PREDOMINATE WITH SUBORDINATE CHERTY SEDIMENTS. A MAJOR PYRITIC, SERICITIC ALTERATION ZONE STRIKES NORTH-NORTHWEST THROUGH THE AREA AND IS SEVERAL HUNDRED FEET THICK. TRACE OF GOLD AND MINOR (UP TO 0.3 PER CENT COPPER, 2 PER CENT ZINC) BASE METALS WERE INTERSECTED BY A DRILL HOLE THROUGH THIS ZONE.
WORK DONE: SAMP 77;MULTIELEMENT
REFERENCES: A.R. 7984,9111,13758,15287
M.I. 092F 331-DEBBIE

FITZ, WATER, LAT

MINING DIV: VICTORIA ASSESSMENT REPORT 14928 INFO CLASS 3
LOCATION: LAT. 49 4.3 LONG. 124 37.7 NTS: 92F/ 2E
CLAIMS: FITZ, WATER, LAT
OPERATOR: EYSTAR HOLDINGS
AUTHOR: NEALE, T. HAWKINS, T.
DESCRIPTION: THE CLAIMS ARE MAINLY UNDERLAIN BY UPPER TRIASSIC AGE KARMUTSEN FORMATION BASALT, LATE PALEOZOIC BUTTLE LAKE FORMATION LIMESTONE AND EARLY PALEOZOIC MYRA FORMATION TUFFS, FLOWS, CHERT AND ARGILLITE. A ZONE OF INTENSE QUARTZ-CARBONATE ALTERATION COINCIDES WITH ANOMALOUS GOLD SOIL GEOCHEMISTRY.
WORK DONE: GEOL 1:10000
SOIL 185;MULTIELEMENT
SILT 43;MULTIELEMENT
ROCK 89;MULTIELEMENT
ROCK 21;WHOLE ROCK
REFERENCES: A.R. 14928

GOLDEN SLIPPER

MINING DIV: ALBERNI ASSESSMENT REPORT 14930 INFO CLASS 4
LOCATION: LAT. 49 0.7 LONG. 124 39.2 NTS: 92F/ 2E
CLAIMS: AFT, RODEO
OPERATOR: EYSTAR HOLDINGS
AUTHOR: NEALE, T. HAWKINS, T.
COMMODITIES: GOLD, SILVER, COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MIDDLE JURASSIC AGE ISLAND INTRUSIONS CONSISTING OF DIORITE TO QUARTZ DIORITE, LOWER JURASSIC AGE BONANZA GROUP VOLCANICS AND UPPER TRIASSIC AGE KARMUTSEN FORMATION BASALTS. QUARTZ VEINS CUT ISLAND INTRUSION AND BONANZA GROUP ROCKS AND CARRY GOLD, SILVER AND COPPER VALUES.
WORK DONE: GEOL 1:10000
SILT 9;MULTIELEMENT
ROCK 37;MULTIELEMENT
REFERENCES: A.R. 13671,14930
M.I. 092F 149-GOLDEN SLIPPER

HOOP

MINING DIV: VICTORIA ASSESSMENT REPORT 14461 INFO CLASS 3
LOCATION: LAT. 49 1.0 LONG. 124 31.5 NTS: 92F/ 2E
CLAIMS: HOOP 1-5
OPERATOR: GATOR RES.
AUTHOR: NEALE, T. HAWKINS, T.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTHWEST TRENDING EARLY PALEOZOIC NITINAT FORMATION MAFIC FLOWS AND PYROCLASTICS AND MYRA FORMATION INTERMEDIATE TUFFS TO CHERTY TUFFS. A MAJOR NORTHWEST TRENDING HEAVILY CARBONATE ALTERED SHEAR ZONE UP TO 200 METRES WIDE CONTAINS WIDESPREAD ANOMALOUS GOLD, +/- COPPER, NICKEL, CHROMIUM VALUES. BANDED CHERTY TUFF WITH BANDS OF PYRITIC SULPHIDES TO THREE CENTIMETRES WIDE OCCUR.
WORK DONE: GEOL 1:10000
ROCK 39;MULTIELEMENT
REFERENCES: A.R. 14461

INDEPENDENT

MINING DIV: NANAIMO ASSESSMENT REPORT 15171 INFO CLASS 4
LOCATION: LAT. 49 12.0 LONG. 124 32.0 NTS: 92F/ 2E
CLAIMS: TYBER
OPERATOR: STEVENS, E.
AUTHOR: NORTHCOTE, K.
COMMODITIES: COPPER, SILVER
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC KARMUTSEN FORMATION VOLCANICS CONSISTING OF ANDESITIC TO BASALTIC AMYGDALOIDAL AND PORPHYRITIC MASSIVE FLOWS, PILLOW BRECCIA AND MINOR TUFF WITH INTERCALATED LIMESTONE. THE SUCCESSION IS CUT BY AT LEAST ONE REGIONAL FAULT IN THE CLAIM AREA AND BY NUMEROUS FRACTURE AND SHEAR ZONES. SOME OF THESE FRACTURE AND SHEAR ZONES ARE THE LOCI OF THE QUARTZ VEIN SYSTEMS WHICH CARRY CHALCOPYRITE MINERALIZATION.
WORK DONE: ROCK 16;AG,AU
REFERENCES: A.R. 15171
M.I. 092F 236-INDEPENDENT

JAN

MINING DIV: VICTORIA ASSESSMENT REPORT 14965 INFO CLASS 3
LOCATION: LAT. 49 5.0 LONG. 124 36.8 NTS: 92F/ 2E
CLAIMS: JAN
OPERATOR: LODE RES.
AUTHOR: LAANELA, H.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MID-PALEOZOIC SICKER GROUP AND UPPER TRIASSIC VANCOUVER GROUP ROCKS WHICH HAVE BEEN INTRUDED BY JURASSIC ISLAND INTRUSIONS AND TERTIARY DYKES. SEVERAL LOW ORDER ANOMALOUS AREAS WERE IDENTIFIED FROM THE GEOCHEMICAL SOIL SURVEY.
WORK DONE: SOIL 326;MULTIELEMENT
LINE 13.5 KM
REFERENCES: A.R. 7857,9639,10902,14965

JENNY

MINING DIV: ALBERNI ASSESSMENT REPORT 14876 INFO CLASS 3
LOCATION: LAT. 49 9.0 LONG. 124 39.0 NTS: 92F/ 2E
CLAIMS: LINDA 1-2, JENNY
OPERATOR: WESTMIN RES.
AUTHOR: WATKINS, J.
DESCRIPTION: CARBONATE-ALTERED BASALTS OF THE PALEOZOIC SICKER GROUP ARE SPATIALLY RELATED TO THE NORTH-TRENDING MINERAL CREEK-WILLIAMS CREEK FAULT. ANOMALOUS CONCENTRATION OF GOLD, ARSENIC, ZINC AND LEAD ARE LOCALIZED WITHIN THE ZONE OF CARBONATE ALTERATION OVER A DISTANCE OF ONE KILOMETRE. CARBONATE ALTERATION MAY BE STRATABOUND.
WORK DONE: GEOL 1:5000
EMGR 2.9 KM
IPOL 2.9 KM
HMIN 10;CU,PB,ZN,AG,AU,AS
SOIL 50;AS,AU
ROCK 28;CU,PB,ZN,AG,AU,AS
REFERENCES: A.R. 8289,10176,13759,14876

KATRINA

MINING DIV: ALBERNI ASSESSMENT REPORT 15016 INFO CLASS 4
LOCATION: LAT. 49 9.0 LONG. 124 42.7 NTS: 92F/ 2E
CLAIMS: KATRINA
OPERATOR: MACNEIL, J.
AUTHOR: NEALE, T.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER CRETACEOUS

NANAIMO GROUP SEDIMENTS INTRUDED BY A TERTIARY FELDSPAR PORPHYRITIC DACITE. STREAM SEDIMENT AND ROCK CHIP SAMPLING RETURNED SPOTTY ANOMALOUS ZINC AND GOLD VALUES.
WORK DONE: SILT 4;MULTIELEMENT
ROCK 12;MULTIELEMENT
REFERENCES: A.R. 15016

LOFSTROM

MINING DIV: ALBERNI ASSESSMENT REPORT 14987 INFO CLASS 4
LOCATION: LAT. 49 1.6 LONG. 124 43.7 NTS: 92F/ 2E
CLAIMS: TAP 1, PAR 2
OPERATOR: TORO RES.
AUTHOR: DICKSON, M.
COMMODITIES: COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTH-NORTHWEST TRENDING BASALT AND ANDESITE BRECCIAS AND TUFFS OF THE UPPER TRIASSIC KARMUTSEN FORMATION WHICH ARE INTRUDED BY DIORITE OF THE ISLAND INTRUSIONS.
WORK DONE: GEOL 1:6666
REFERENCES: A.R. 12735,14520,14987
M.I. 092F 380-LOFSTROM

LOUPY

MINING DIV: ALBERNI ASSESSMENT REPORT 14389 INFO CLASS 4
LOCATION: LAT. 49 8.5 LONG. 124 38.5 NTS: 92F/ 2E
CLAIMS: LOUPY
OPERATOR: WESTMIN RES.
AUTHOR: LYONS, E.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY THE PALEOZOIC SICKER GROUP. THE MYRA FORMATION CONSISTS OF CALC-ALKALINE MASSIVE AND PILLOWED BASALT FLOWS AND CLASTIC EQUIVALENTS WITH MINOR BEDDED JASPER, CHERT AND TUFFS. THE BUTTLE LAKE FORMATION OVERLIES THE MYRA AND CONSISTS OF BEDDED TUFFS, BLACK ARGILLITE, CHERT, AND CHERT PEBBLE BEDS GRADING UPWARD TO MICRITIC AND CRINOIDAL LIMESTONE MARBLES. BEDDING DIPS UNIFORMLY TO THE WEST-SOUTHWEST, NORTHEAST OF THE FAULTS AND DIPS NORTHEAST, SOUTHWEST OF THE FAULTS. TWO STEEP ANGLE FAULTS STRIKE NORTHWEST THROUGH THE SOUTHWEST CORNER OF THE CLAIMS, DOWN THROWING BUTTLE LAKE FORMATION TO THE SOUTHWEST. NO MINERALIZATION WAS OBSERVED.
WORK DONE: GEOL 1:4800
ROCK 5;MULTIELEMENT
REFERENCES: A.R. 14389

MCQUILLAN

MINING DIV: ALBERNI ASSESSMENT REPORT 14880 INFO CLASS 3
LOCATION: LAT. 49 8.4 LONG. 124 37.5 NTS: 92F/ 2E
CLAIMS: MCQUILLAN
OPERATOR: HOLLYCROFT RES.
AUTHOR: NEALE, T. HAWKINS, T.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY PALEOZOIC SICKER GROUP ROCKS STRIKING 170 DEGREES AND DIPPING MODERATELY TO STEEPLY TO THE WEST. SIX UNITS ARE MAPPED, FROM OLDEST TO YOUNGEST: 1) MASSIVE TO PILLOWED BASALT; 2) HEMATITIC BASALT PILLOW BRECCIA; 3) MASSIVE TO PILLOWED OR AGGLOMERATIC BASALT WITH INTERBEDDED FELSIC VOLCANICS; 4) INTERCALATED MAFIC TUFFS AND FLOWS; 5) DACITIC LAPILLI TUFF-BRECCIA; 6) DYKES/SILLS OF FELDSPAR PORPHYRITIC BASALT. ROCK SAMPLE VALUES WERE GENERALLY LOW.
WORK DONE: GEOL 1:2500
SOIL 347;AG,AS,CU,ZN
ROCK 16;MULTIELEMENT
ROCK 16;WHOLE ROCK
LINE 20.0 KM
REFERENCES: A.R. 12538,13904,14389,14880

PAT

MINING DIV: ALBERNI ASSESSMENT REPORT 15197 INFO CLASS 4
LOCATION: LAT. 49 7.5 LONG. 124 41.5 NTS: 92F/ 2E
CLAIMS: PAT 1
OPERATOR: VICTORIA DIEGO RES.
AUTHOR: SCROGGINS, E.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC KARMUTSEN FORMATION VOLCANICS AND UPPER CRETACEOUS NANAIMO GROUP SEDIMENTS. SOIL GEOCHEMISTRY RETURNED ANOMALOUS COPPER AND GOLD VALUES.
WORK DONE: GEOL 1:10000
SOIL 13;CU,PB,ZN,AG,AS,AU
SILT 7;CU,PB,ZN,AG,AS,AU
ROCK 10;CU,PB,ZN,AG,AS,AU
REFERENCES: A.R. 14201,14202,14203,15196,15197

PAT 1

MINING DIV: ALBERNI ASSESSMENT REPORT 14203 INFO CLASS 4
LOCATION: LAT. 49 6.5 LONG. 124 44.0 NTS: 92F/ 2E
CLAIMS: PAT 1
OPERATOR: VICTORIA DIEGO RES.
AUTHOR: LERICHE, P.
DESCRIPTION: THE EASTERN HALF OF THE PROPERTY IS UNDERLAIN BY TRIASSIC KARMUTSEN FORMATION BASALTIC ROCKS WHICH ARE LOCALLY OVERLAIN BY UPPER CRETACEOUS NANAIMO GROUP SEDIMENTARY ROCKS. A NORTH-SOUTH FAULT SEPARATES THE TRIASSIC VOLCANIC ROCKS FROM DIORITE INTRUSIVES TO THE WEST WHICH ARE BELIEVED TO BE OF TERTIARY AGE. A SMALL COPPER SHOWING IS REPORTED IN THE NORTHEAST PART OF THE CLAIM.
WORK DONE: SOIL 19;CU,PB,ZN,AG,AU
SILT 5;CU,PB,ZN,AG,AU
REFERENCES: A.R. 14203

PAT 2

MINING DIV: ALBERNI ASSESSMENT REPORT 14202 INFO CLASS 4
LOCATION: LAT. 49 7.5 LONG. 124 43.0 NTS: 92F/ 2E
CLAIMS: PAT 2
OPERATOR: GATOR RES.
AUTHOR: NEALE, T. HAWKINS, T.
DESCRIPTION: THE PAT 2 CLAIM IS UNDERLAIN MAINLY BY A TONALITIC (JURASSIC) ISLAND INTRUSIVE WITH TRIASSIC KARMUTSEN FORMATION BASALT IN THE NORTHEAST CORNER. ONLY VERY MINOR AMOUNTS OF SULPHIDES WERE OBSERVED IN OR NEAR SMALL SHEARS WITHIN THE TONALITE.
WORK DONE: ROCK 8;MULTIELEMENT
PROS 1:10000
REFERENCES: A.R. 14202

PAT 3

MINING DIV: ALBERNI ASSESSMENT REPORT 14201 INFO CLASS 4
LOCATION: LAT. 49 8.5 LONG. 124 43.0 NTS: 92F/ 2E
CLAIMS: PAT 3
OPERATOR: VICTORIA DIEGO RES.
AUTHOR: LERICHE, P.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY TERTIARY AGE GRANODIORITE PORPHYRY INTRUDING UPPER CRETACEOUS NANAIMO GROUP SILTSTONE. A SMALL COPPER SHOWING WAS PREVIOUSLY REPORTED IN THE NORTHEAST CORNER

OF THE CLAIM BUT HAS NOT BEEN RELOCATED.
WORK DONE: SOIL 33;CU,PB,ZN,AG,AU
SILT 3;CU,PB,ZN,AG,AU
PROS 1:10000
REFERENCES: A.R. 14201

PAT 3

MINING DIV: ALBERNI ASSESSMENT REPORT 15196 INFO CLASS 4
LOCATION: LAT. 49 8.6 LONG. 124 42.5 NTS: 92F/ 2E
CLAIMS: PAT 3
OPERATOR: VICTORIA DIEGO RES.
AUTHOR: SCROGGINS, E.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER CRETACEOUS NANAIMO GROUP SEDIMENTS INTRUDED BY TERTIARY DIORITES. SOIL GEOCHEMISTRY RESULTS ARE INCONCLUSIVE.
WORK DONE: GEOL 1:10000
SOIL 22;CU,PB,ZN,AU,AS,AG
ROCK 3;CU,PB,ZN,AU,AS,AG
REFERENCES: A.R. 14201,14202,14203,15196

PORT, STARBOARD

MINING DIV: ALBERNI ASSESSMENT REPORT 14470 INFO CLASS 4
LOCATION: LAT. 49 3.0 LONG. 124 39.5 NTS: 92F/ 2E
CLAIMS: PORT, STARBOARD
OPERATOR: LODE RES.
AUTHOR: LAANELA, H.
DESCRIPTION: THE CLAIMS ARE MAINLY UNDERLAIN BY LATE TRIASSIC KARMUTSEN FORMATION VOLCANICS AND QUATSINO FORMATION LIMESTONE INTRUDED BY TERTIARY DYKES. SOME MULTIELEMENT GEOCHEMICAL ANOMALIES WERE FOUND IN LATE PALEOZOIC BUTTLE LAKE FORMATION LIMESTONES ON THE EAST PART OF THE PROPERTY.
WORK DONE: SOIL 23;AU,AG,CU,PB,ZN
SILT 59;AU,AG,CU,PB,ZN
ROCK 7;AU,AG,CU,PB,ZN
PROS 1:10000
REFERENCES: A.R. 13672,14470

RAFT

MINING DIV: VICTORIA ASSESSMENT REPORT 14376 INFO CLASS 4
LOCATION: LAT. 49 3.0 LONG. 124 35.5 NTS: 92F/ 2E
CLAIMS: RAFT 1
OPERATOR: VANWIN RES.
AUTHOR: NEALE, T.
DESCRIPTION: THE AREA OF THE SOIL GRID IS UNDERLAIN BY MAFIC VOLCANICS OF THE NITINAT FORMATION OF THE PALEOZOIC SICKER GROUP. THE GEOCHEMICAL SURVEY RETURNED NEGLIGIBLE RESULTS.
WORK DONE: SOIL 68;AU,AG,CU,ZN,NI
LINE 2.0 KM
REFERENCES: A.R. 11315,12444,13954,14376

RAFT

MINING DIV: VICTORIA ASSESSMENT REPORT 14993 INFO CLASS 2
LOCATION: LAT. 49 2.5 LONG. 124 35.5 NTS: 92F/ 2E
CLAIMS: RAFT 1-2
OPERATOR: VANWIN RES.
AUTHOR: NEALE, T. HAWKINS, T.
COMMODITIES: GOLD, COPPER, ZINC
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PILLOWED BASALT, PILLOW BRECCIA, AND LESSER MAFIC TUFF, POSSIBLY CORRELATIVE WITH THE DEVONIAN NITINAT FORMATION. A FAULT ZONE CUTTING PYRITIC MAFIC VOLCANICS CONTAINS QUARTZ VEINS MINERALIZED WITH CHALCOPYRITE AND PYRITE.
WORK DONE: GEOL 1:5000
EMGR 5.9 KM;VLF
SOIL 921;AU,AG,CU,ZN,NI
ROCK 69;MULTIELEMENT
ROCK 6;WHOLE ROCK
PETR 2;THIN SECTIONS
REFERENCES: A.R. 11315,12444,13954,14376,14993
M.I. 092F 311-RAFT

TAN

MINING DIV: VICTORIA ASSESSMENT REPORT 14431 INFO CLASS 4
LOCATION: LAT. 49 5.5 LONG. 124 34.5 NTS: 92F/ 2E
CLAIMS: TAN
OPERATOR: LODE RES.
AUTHOR: LAANELA, H.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY PALEOZOIC SICKER GROUP CHERTY BEDDED TUFFS OF THE MYRA FORMATION IN

FAULT CONTACT WITH ANDESITIC VOLCANICS OF THE NITINAT FORMATION. THESE ROCKS ARE INTRUDED BY DIORITES OF THE ISLAND INTRUSIONS. THE GEOCHEMICAL SURVEY IDENTIFIED ELEVATED MULTIELEMENT SOIL VALUES.

WORK DONE: SOIL 50;CU,PB,ZN,AG,AU
SILT 16;CU,PB,ZN,AG,AU
ROCK 2;CU,PB,ZN,AG,AU
REFERENCES: A.R. 12150,14431

TOBY

MINING DIV: ALBERNI ASSESSMENT REPORT 14873 INFO CLASS 3
LOCATION: LAT. 49 3.5 LONG. 124 41.0 NTS: 92F/ 2E
CLAIMS: TOBY 1
OPERATOR: IMPERIAL METALS
AUTHOR: CLARK, A.
DESCRIPTION: UPPER TRIASSIC KARMUTSEN BASALTIC VOLCANICS ARE INTRUDED BY JURASSIC ISLAND INTRUSION GRANODIORITE -QUARTZ DIORITE. GEOCHEMICAL RESULTS INDICATE WEAKLY ANOMALOUS COPPER VALUES.
WORK DONE: SOIL 237;MULTIELEMENT
REFERENCES: A.R. 12809,14873

VICTORIA

MINING DIV: ALBERNI ASSESSMENT REPORT 14483 INFO CLASS 4
LOCATION: LAT. 49 10.6 LONG. 124 39.7 NTS: 92F/ 2E
CLAIMS: YELLOW
OPERATOR: SILVER CLOUD MINES
AUTHOR: NEALE, T. HAWKINS, T.
COMMODITIES: GOLD, SILVER, COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY BASALTIC TO ANDESITIC LAPILLI TUFFS AND BRECCIAS, BASALT FLOWS, MINOR CHERT, AND MINOR QUARTZ-SERICITE SCHIST. THE ROCKS ARE BELIEVED TO REPRESENT THE PALEOZOIC AGE SICKER GROUP NININAT FORMATION AND MYRA FORMATION. A GOLD-BEARING MYLONITE ZONE HAS RETURNED VALUES OF UP TO 1.4 GRAMMES/TONNE GOLD OVER 30 METRES. WHOLE ROCK GEOCHEMISTRY INDICATES THAT VOLCANOGENIC TYPE MINERALIZATION MAY OCCUR ON THE PROPERTY.
WORK DONE: GEOL 1:5000
SOIL 22;MULTIELEMENT
ROCK 24;MULTIELEMENT
REFERENCES: A.R. 4915,5443,6153,10206,11278,13700,14483
M.I. 092F 079-VICTORIA

A SOUTH

MINING DIV: ALBERNI ASSESSMENT REPORT 15037 INFO CLASS 4
LOCATION: LAT. 49 12.5 LONG. 124 56.4 NTS: 92F/ 2W
CLAIMS: ALDER 1-2, SPROAT, OTTER, ARBUTUS
OPERATOR: TRIACTOR RES.
AUTHOR: ROYER, G.
COMMODITIES: COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY ARGILLITES, SANDSTONES, LIMESTONES AND ANDESITIC VOLCANICS INTRUDED BY GRANITIC ROCKS. SHEAR ZONES CARRY CHALCOPYRITE MINERALIZATION.
WORK DONE: PROS 1:10000
REFERENCES: A.R. 5981,6393,6956,12242,12872,15037
M.I. 092F 361-A SOUTH

BUCK

MINING DIV: ALBERNI ASSESSMENT REPORT 15169 INFO CLASS 3
LOCATION: LAT. 49 13.0 LONG. 124 58.6 NTS: 92F/ 2W
CLAIMS: BUCK 1-3, CUB
OPERATOR: MARIAH RES.
AUTHOR: ROYER, G.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY BASALTS AND LIMESTONES OF THE UPPER TRIASSIC VANCOUVER GROUP, MIDDLE JURASSIC ISLAND INTRUSIONS AND VOLCANIC ROCKS OF THE PALEOZOIC SICKER GROUP.
WORK DONE: GEOL 1:10000
ROAD 3.0 KM
TREN 28.3 M;4 TRENCHES
REFERENCES: A.R. 15169

RAVEN

MINING DIV: ALBERNI ASSESSMENT REPORT 15038 INFO CLASS 4
LOCATION: LAT. 49 14.0 LONG. 124 50.6 NTS: 92F/ 2W
CLAIMS: HOLK, STAMP, STAMP 2-3
OPERATOR: UNITED CHIEFTAN RES.
AUTHOR: ROYER, G.
COMMODITIES: COPPER, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC KARMUTSEN FORMATION VOLCANICS. MINERALIZATION CONSISTS OF CHALCOPYRITE IN QUARTZ VEINS THAT ALSO CARRY GOLD VALUES.
WORK DONE: PROS 1:5000
REFERENCES: A.R. 447,11337,15038
M.I. 092F 155-RAVEN

NOR, TONY, KENNEDY LAKE (EAST)

MINING DIV: ALBERNI ASSESSMENT REPORT 14704 INFO CLASS 4
LOCATION: LAT. 49 3.7 LONG. 125 27.8 NTS: 92F/ 3W
CLAIMS: TONY 1-4, FACT 1-2
OPERATOR: FIRST COAST MIN.
AUTHOR: GROVES, W.
COMMODITIES: IRON, LIMESTONE, GOLD
DESCRIPTION: AURIFEROUS SULPHIDES - MAGNETITE OCCUR IN VEINS CUTTING LIMESTONE, AND IN SKARN NEAR A STOCK OF TERTIARY AGE PORPHYRY. GOLD CONTENT IN SOME SAMPLES IS UP TO 17.1 GRAMMES/TONNE.
WORK DONE: SAMP 4;AU
PROS 1:10000,1:75
REFERENCES: A.R. 14704
M.I. 092F 003-NOR;092F 004-TONY;092F 190-KENNEDY LAKE (EAST)

ROBIN

MINING DIV: ALBERNI ASSESSMENT REPORT 14658 INFO CLASS 4
LOCATION: LAT. 49 6.0 LONG. 125 24.0 NTS: 92F/ 3W
CLAIMS: ROBIN
OPERATOR: ODYSSEY RES.
AUTHOR: GOULD, C. KEYSER, H.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY PROPYLITIZED BASALTIC ANDESITE OF THE KARMUTSEN FORMATION AND META-QUARTZITE (?) OF THE WESTCOAST COMPLEX, WHICH ARE INTRUDED BY GRANITOID ROCKS OF THE ISLAND INTRUSIONS. LOW-ORDER ANOMALOUS VALUES OF GOLD HAVE BEEN OUTLINED IN VEIN-TYPE STRUCTURES IN KARMUTSEN ANDESITES.
WORK DONE: SILT 7;MULTIELEMENT
ROCK 15;MULTIELEMENT
PROS 1:10000
REFERENCES: A.R. 13642,14658

OWL, TERT

MINING DIV: ALBERNI ASSESSMENT REPORT 14772 INFO CLASS 3
LOCATION: LAT. 49 0.5 LONG. 125 31.0 NTS: 92F/ 4E
CLAIMS: OWL 1
OPERATOR: GEO P.C. SERVICES
AUTHOR: DYNES, B.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY WEST COAST DIORITE, QUATSINO LIMESTONE AND TERTIARY VOLCANICS. THESE ARE INTRUDED BY A TERTIARY STOCK. MINERALIZATION

CONSISTS OF ALTERED SHEAR ZONES, AND POSTULATED FOSSIL HOTSPRINGS.

WORK DONE: GEOL 1:5000
SOIL 61;MULTIELEMENT
ROCK 11;MULTIELEMENT
LINE 25.0 KM

REFERENCES: A.R. 14772

TOFINO NICKEL

MINING DIV: ALBERNI ASSESSMENT REPORT 14182 INFO CLASS 3
LOCATION: LAT. 49 13.1 LONG. 125 37.8 NTS: 92F/ 4E
CLAIMS: SUPER 1, NICKEL 1-3, LORNE
OPERATOR: COMINCO
AUTHOR: LECOUTEUR, P.
COMMODITIES: COPPER, NICKEL, PLATINUM, PALLADIUM
DESCRIPTION: NUMEROUS AMPHIBOLITE BANDS TO SEVERAL METRES THICK ARE INTERLAYERED WITH LEUCOCRATIC QUARTZ FELDSPATHIC GNEISS. IT IS LIKELY THAT A SWARM OF MAFIC SILLS OR DYKES RELATED TO THE UPPER TRIASSIC KARMUTSEN VOLCANICS WAS INTRUDED INTO SICKER GROUP ROCKS AND WERE METAMORPHOSED TO AMPHIBOLITE AND GNEISS RESPECTIVELY. ONE SILL IS ULTRAMAFIC IN COMPOSITION AND CONTAINS ABUNDANT COPPER-NICKEL SULPHIDES WITH SIGNIFICANT PALLADIUM AND MINOR PLATINUM VALUES.

WORK DONE: SOIL 148;CU,NI
SILT 3;CU,NI
ROCK 51;MULTIELEMENT
SAMP 7;AU,AG,CU,NI,PT,PD
PETR 23
TREN 11.1 M;4 TRENCHES

REFERENCES: A.R. 13121,14182
M.I. 092F 029-TOFINO NICKEL

TOFINO NICKEL

MINING DIV: ALBERNI ASSESSMENT REPORT 15155 INFO CLASS 4
LOCATION: LAT. 49 13.1 LONG. 125 37.7 NTS: 92F/ 4E
CLAIMS: SUPER 1, NICKEL 1
OPERATOR: COMINCO
AUTHOR: LAJOIE, J.
COMMODITIES: SILVER, COPPER, NICKEL
DESCRIPTION: THE CLAIM IS UNDERLAIN BY NUMEROUS AMPHIBOLITE BANDS INTERLAYERED WITH QUARTZ FELDSPATHIC GNEISS. IT IS LIKELY THAT A SWARM OF A MAFIC SILLS OR DYKES RELATED TO THE UPPER TRIASSIC KARMUTSEN

FORMATION WAS INTRUDED INTO PALEOZOIC SICKER GROUP ROCKS AND WERE METAMORPHOSED TO AMPHIBOLITE AND GNEISS RESPECTIVELY. ONE SILL CONTAINS ABUNDANT COPPER-NICKEL SULPHIDE. THE MINERALIZED SHOWING DID NOT RESPOND TO HLEM, VLF ELECTROMAGNETIC OR MAGNETIC SURVEYS.

WORK DONE: MAGG 2.7 KM
EMGR 4.6 KM;HLEM,VLF
REFERENCES: A.R. 13121,14182,15155
M.I. 092F 029-TOFINO NICKEL

WHITE DOUGLAS, FOREMOST COPPER 3, HETTY GREEN

MINING DIV: ALBERNI ASSESSMENT REPORT 14807 INFO CLASS 3
LOCATION: LAT. 49 14.8 LONG. 125 35.9 NTS: 92F/ 4E
CLAIMS: WINTER 1-2
OPERATOR: SEMINOLE RES.
AUTHOR: KRAFT, T. VON EINSIEDEL, C
COMMODITIES: COPPER, IRON, MOLYBDENUM
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY PALEOZOIC SICKER GROUP LIMESTONES AND ANDESITIC VOLCANIC ROCKS WHICH ARE INTRUDED BY JURASSIC QUARTZ DIORITIC ROCKS OF THE WESTCOAST COMPLEX. MINERALIZATION CONSISTS OF CHALCOPYRITE, PYRITE AND MAGNETITE WITH LESSER AMOUNTS OF BORNITE, MALACHITE AND AZURITE IN A PYROXENE-EPIDOTE SKARN DEVELOPED AT OR NEAR A VOLCANIC-LIMESTONE-DIORITE CONTACT.
WORK DONE: GEOL 1:5000
MAGG 0.6 KM
SOIL 47;MULTIELEMENT
SILT 24;MULTIELEMENT
ROCK 18;MULTIELEMENT
LINE 0.6 KM
ROAD 3.0 KM
REFERENCES: A.R. 14807
M.I. 092F 009-WHITE DOUGLAS
M.I. 092F 010-FOREMOST COPPER 3
M.I. 092F 015-HETTY GREEN

HERBERT INLET

MINING DIV: ALBERNI ASSESSMENT REPORT 14500 INFO CLASS 2
LOCATION: LAT. 49 21.5 LONG. 125 55.6 NTS: 92F/ 5W
CLAIMS: BEDINGFIELD 1-9, BEDINGFIELD 10, BEDINGFIELD 11
BEDINGFIELD 12, BEDINGFIELD 13, BEDINGFIELD 14
BEDINGFIELD 15, CYPRE 1
OPERATOR: COMINCO

AUTHOR: FREEZE, A.
COMMODITIES: LIMESTONE
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY AN OVERTURNED SUITE OF FELSIC TO MAFIC PYROCLASTIC ROCKS BELONGING TO THE EARLY TO MID-PALEOZOIC MYRA FORMATION. THESE VOLCANICS ARE UNCONFORMABLY OVERLAIN BY PENNSYLVANIAN AGE SEDIMENT SILL UNIT AND PERMIAM AGE BUTTLE LAKE FORMATION LIMESTONE. UPPER TRIASSIC AGE KARMUTSEN FORMATION BASALTS LOCALLY CAP THE BUTTLE LAKE FORMATION LIMESTONE. FOUR SMALL STOCKWORK POLYMETALLIC SHOWINGS WERE DISCOVERED.
WORK DONE: GEOL 1:20000
REFERENCES: A.R. 14500
M.I. 092F 421-HERBERT INLET

HERBERT INLET

MINING DIV: ALBERNI ASSESSMENT REPORT 15152 INFO CLASS 2
LOCATION: LAT. 49 21.5 LONG. 125 55.6 NTS: 92F/ 5W
CLAIMS: BEDINGFIELD 1-8, BEDINGFIELD 13, BEDINGFIELD 14 BEDINGFIELD 15, CYPRE 1
OPERATOR: COMINCO
AUTHOR: BLACKWELL, J. LAJOIE, J.
COMMODITIES: LIMESTONE
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY AN OVERTURNED SUITE OF FELSIC PYROCLASTIC ROCKS BELONGING TO THE LOWER SICKER GROUP. THESE VOLCANICS ARE UNCONFORMABLY OVERLAIN BY THE SEDIMENT SILL-UNIT AND BUTTLE LAKE FORMATION LIMESTONE. UPPER TRIASSIC KARMUTSEN FORMATION BASALT LOCALLY CAPS THE BUTTLE LAKE FORMATION LIMESTONE. ROCK GEOCHEMISTRY FAILED TO DETECT SIGNIFICANT METAL ANOMALIES BUT RECONNAISSANCE-MODE UTEM SURVEYS DETECTED SEVERAL CONDUCTORS.
WORK DONE: GEOL 1:10000
EMGR 82.4 KM;UTEM
ROCK 219;CU,PB,ZN,AG,AU
REFERENCES: A.R. 14500,15152
M.I. 092F 421-HERBERT INLET

GC

MINING DIV: ALBERNI ASSESSMENT REPORT 15354 INFO CLASS 4
LOCATION: LAT. 49 19.9 LONG. 125 13.4 NTS: 92F/ 6E
CLAIMS: GC 1
OPERATOR: BILQUIST, R.
AUTHOR: BILQUIST, R.

COMMODITIES: GOLD
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC KARMUTSEN FORMATION PILLOW BASALT, PILLOW BRECCIA, TUFFS, VOLCANIC SEDIMENT AND MIDDLE-UPPER JURASSIC ISLAND INTRUSION GRANODIORITE AND DIORITE. MINERALIZATION CONSISTS OF DISSEMINATED CHALCOPYRITE AND PYRITE IN A QUARTZ-CARBONATE STOCKWORK WITHIN A FRACTURED AND ALTERED VOLCANIC BRECCIA. GOLD VALUES RUN TO 18.2 GRAMMES/TONNE.
WORK DONE: ROCK 51;MULTIELEMENT
PROS 1:5000
REFERENCES: A.R. 15354
M.I. 092F 332-GC

HM

MINING DIV: ALBERNI ASSESSMENT REPORT 15147 INFO CLASS 3
LOCATION: LAT. 49 18.9 LONG. 125 7.2 NTS: 92F/ 6E
CLAIMS: ARK
OPERATOR: ASCOT RES.
AUTHOR: HEARD, R.
COMMODITIES: GOLD, ANTIMONY, SILVER, COPPER, MERCURY
DESCRIPTION: THE PROPERTY IS A HIGH LEVEL EPITHERMAL PRECIOUS METAL PROSPECT OF PROBABLE TERTIARY AGE. MAFIC VOLCANICS OF THE KARMUTSEN FORMATION (TRIASSIC) UNDERLIE MOST OF THE PROPERTY. GRANODIORITE AND QUARTZ DIORITE OF THE ISLAND INTRUSIONS (JURASSIC) UNDERLIE THE NORTHERN PORTION OF THE CLAIMS. PYRITE, CHALCOPYRITE, STIBNITE AND CINNABAR OCCUR IN QUARTZ STRINGERS AND SILICIFIED SHEARS.
WORK DONE: MAGG 25.0 KM
EMGR 25.0 KM;VLF
SOIL 643;MULTIELEMENT
SILT 10;AU
ROCK 14;AU,AG,SB,HG
LINE 25.0 KM
REFERENCES: A.R. 3651,15147
M.I. 092F 230-HM;092F 306-HM 32;092F 307-HM 28

HORNE

MINING DIV: NANAIMO ASSESSMENT REPORT 14941 INFO CLASS 4
LOCATION: LAT. 49 17.7 LONG. 124 41.4 NTS: 92F/ 7E
CLAIMS: HORNE 2-4
OPERATOR: REWARD RES.
AUTHOR: HAWKINS, T.

DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PALEOZOIC SICKER GROUP ROCKS THAT INCLUDE THE MYRA FORMATION AND NITINAT FORMATION. A MAJOR NORTHWEST TRENDING REGIONAL FAULT STRUCTURE CROSSES THE PROPERTY. ZONES OF QUARTZ-CARBONATE ALTERATION ASSOCIATED WITH THE FAULT HAVE RETURNED ANOMALOUS VALUES IN SILVER, ARSENIC AND ZINC FROM ROCK SAMPLING.
WORK DONE: GEOL 1:10000
SILT 6;MULTIELEMENT
ROCK 10;MULTIELEMENT
ROCK 10;WHOLE ROCK
PETR 2 THIN SECTIONS
REFERENCES: A.R. 14941

PD

MINING DIV: NANAIMO ASSESSMENT REPORT 14415 INFO CLASS 3
LOCATION: LAT. 49 21.7 LONG. 124 42.3 NTS: 92F/ 7E
CLAIMS: HILL, HILL 2
OPERATOR: GOLDSMITH, L.
AUTHOR: GOLDSMITH, L.
COMMODITIES: ZINC, GOLD, SILVER
DESCRIPTION: EARLY PERMIAN BUTTLE LAKE LIMESTONE OF THE SICKER GROUP IS EXPOSED IN SEVERAL FAULT BLOCKS ACROSS THE CENTRAL PORTION OF THE CLAIMS. LATE TRIASSIC KARMUTSEN VOLCANICS OCCUPY THE HIGHER ELEVATIONS ON THE WEST AND NORTH PARTS OF THE PROPERTY. MASSIVE PYRITE, MARCASITE AND SPHALERITE OCCUR IN FISSURES AND AS BRECCIA MATRIX IN LIMESTONE. DIAMOND DRILLING HAS NOT PROVEN EXTENSIONS OF THE SURFACE MINERALIZATION.
WORK DONE: IPOL 0.4 KM
SOIL 289;ZN,CU,AG,AU
DIAD 135.4;2 HOLES,NQ
SAMP 2;CU,ZN,AG,AS,SB,AU
ROAD 1.2 KM
REFERENCES: A.R. 13105,14415
M.I. 092F 171-PD

WES

MINING DIV: NANAIMO ASSESSMENT REPORT 14443 INFO CLASS 3
LOCATION: LAT. 49 18.5 LONG. 124 40.0 NTS: 92F/ 7E
CLAIMS: WES
OPERATOR: VICTORIA DIEGO RES.
AUTHOR: LAANELA, H.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY PALEOZOIC SICKER GROUP

VOLCANICS TO THE WEST AND OVERLYING TRIASSIC KARMUTSEN FORMATION VOLCANICS TO THE EAST. GOSSAN ZONES IN SHEARED KARMUTSEN VOLCANICS OCCUR. THE GEOCHEMICAL SURVEY IDENTIFIED AN ANOMALOUS COPPER SOIL ZONE.

WORK DONE: GEOL 1:5000
SOIL 199;CU,PB,ZN,AG,AU
ROCK 10;CU,PB,ZN,AG,AU

REFERENCES: A.R. 13520,14443

CIH

MINING DIV: NANAIMO ASSESSMENT REPORT 14441 INFO CLASS 4
LOCATION: LAT. 49 26.7 LONG. 124 51.5 NTS: 92F/ 7W
CLAIMS: CIH 1
OPERATOR: ANDERSON, S.
AUTHOR: ANDERSON, S. BUSKELL, B.
COMMODITIES: ARSENIC, GOLD

DESCRIPTION: THE CLAIM IS UNDERLAIN BY KARMUTSEN FORMATION ANDESIT VOLCANICS INTRUDED BY A FELSIC DYKE IN WHICH A QUARTZ VEIN STOCKWORK OCCURS WITH ARSENO-PYRITE, PYRITE MINERALIZATION THAT CARRIES GOLD VALUES UP TO 2.4 GRAMMES/TONNE IN ROCK SAMPLES.

WORK DONE: ROCK 6;MULTIELEMENT
PROS 1:10000
ROAD 0.5 KM

REFERENCES: A.R. 14441
M.I. 092F 323-CIH

GEORGINA

MINING DIV: NANAIMO ASSESSMENT REPORT 14762 INFO CLASS 4
LOCATION: LAT. 49 16.0 LONG. 124 14.0 NTS: 92F/ 8E
CLAIMS: GEORGINA 1
OPERATOR: MINEQUEST EX. ASSOC.
AUTHOR: LONGE, R.
COMMODITIES: COPPER, SILVER, GOLD

DESCRIPTION: VOLCANIC-RELATED SEDIMENTS OF THE MYRA FORMATION, A SUBDIVISION OF THE PALEOZOIC SICKER GROUP, UNDERLIE THE GREATER PART OF THE CLAIM. THE PRESENCE OF THIS FORMATION TOGETHER WITH TWO (MINOR) COPPER OCCURRENCES MAKES THIS CLAIM PROSPECTIVE FOR VOLCANIC-RELATED MASSIVE SULPHIDE DEPOSITS.

WORK DONE: SILT 10;MULTIELEMENT
ROCK 6;CU,AG,AU

PROS 1:10000
REFERENCES: A.R. 14762
M.I. 092F 178-GEORGINA
ANN. RPT. 1934, 1939

ANDERSON BAY

MINING DIV: NANAIMO ASSESSMENT REPORT 15229 INFO CLASS 3
LOCATION: LAT. 49 31.3 LONG. 124 8.8 NTS: 92F/ 9E
CLAIMS: SABINE 8, SABINE 11-14
OPERATOR: ESSO RES. CAN.
AUTHOR: MELNYK, W. DOBORZYNSKI, Z.
COMMODITIES: LIMESTONE, MARBLE
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC KARMUTSEN FORMATION VOLCANICS WHICH ARE IN CONTACT, UNCONFORMABLY, WITH SCHISTS BELONGING TO THE PALEOZOIC SICKER GROUP. PODS AND LENSES OF MEDIUM GRAINED PYRITE OCCUR IN A FLOW BRECCIA UNIT AT THE BASE OF THE KARMUTSEN FORMATION ROCKS. SOIL GEOCHEMISTRY RETURNED LOW BASE METAL VALUES AND NO SIGNIFICANT ELECTROMAGNETIC CONDUCTORS WERE DETECTED FROM THE SE-88 GEOPHYSICAL SURVEY.
WORK DONE: GEOL 1:2000
EMGR 12.1 KM;HLEM
SOIL 319;MULTIELEMENT
LINE 14.8 KM
REFERENCES: A.R. 15229
M.I. 092F 087-ANDERSON BAY

ANGEL

MINING DIV: NANAIMO ASSESSMENT REPORT 14916 INFO CLASS 3
LOCATION: LAT. 49 34.7 LONG. 124 15.0 NTS: 92F/ 9W
CLAIMS: ANGEL 1
OPERATOR: CARIBOU GOLD
AUTHOR: SHEARER, J.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A QUARTZ DIORITE STOCK AND DYKES IN CONTACT WITH ALTERED UPPER TRIASSIC KARMUTSEN FORMATION MAFIC VOLCANICS. DIAMOND DRILLING HAS INDICATED THAT SEVERAL PYRITIC QUARTZ-CARBONATE SHEAR ZONES CARRY GOLD VALUES UP TO 18.3 GRAMMES/TONNE ACROSS 0.5 METRES.
WORK DONE: SOIL 41;AU
DIAD 137.2 M;1 HOLE,BPBG

SAMP 100;AU
REFERENCES: A.R. 14916
M.I. 092F 327-ANGEL

BC, STORNEWAY, NELSON, VANDERBILT, COPPERITE

MINING DIV: NANAIMO ASSESSMENT REPORT 14445 INFO CLASS 4
LOCATION: LAT. 49 43.0 LONG. 124 28.5 NTS: 92F/ 9W
CLAIMS: B.C. (L.71), STORNEWAY, NELSON (L.73), VANDERBILT COPPERITE
OPERATOR: PACKARD RES.
AUTHOR: MEDFORD, G.
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY UPPER TRIASSIC KARMUTSEN FORMATION VOLCANICS CONSISTING OF BASALTS. QUATSINO LIMESTONE ALSO OCCURS. THE GEOCHEMICAL RESULTS ARE NEGLIGIBLE.
WORK DONE: GEOL 1:10000
SOIL 45;AU
SILT 2;AU
REFERENCES: A.R. 5749,12085,14445

BLACK PRINCE

MINING DIV: NANAIMO ASSESSMENT REPORT 14862 INFO CLASS 3
LOCATION: LAT. 49 41.8 LONG. 124 24.9 NTS: 92F/ 9W
CLAIMS: GRAD
OPERATOR: HILLSIDE ENERGY
AUTHOR: SADLIER-BROWN, T
COMMODITIES: GOLD, COPPER, SILVER
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC AGE KARMUTSEN FORMATION ANDESITES LOCALLY INTERBEDDED WITH LIMESTONES AND ARE INTRUDED BY QUARTZ DIORITE. SKARNS DEVELOPED WITHIN THE LIMESTONES CONSISTS OF MAGNETITE, CHALCOPYRITE AND PYRITE MINERALIZATION THAT CARRY GOLD AND SILVER VALUES. ANOMALOUS MAGNETIC AND SOIL RESULTS WERE IDENTIFIED.
WORK DONE: MAGG 6.8 KM
SOIL 97;CU,AU
LINE 3.3 KM
REFERENCES: A.R. 13911,14862
M.I. 092F 108-BLACK PRINCE

DAVIE BAY, PAUL

MINING DIV: NANAIMO ASSESSMENT REPORT 14817 INFO CLASS 3
LOCATION: LAT. 49 37.5 LONG. 124 23.4 NTS: 92F/ 9W
CLAIMS: PAUL 9-10, PAUL 28-32, PAUL 44-45
OPERATOR: CANADA CEMENT
AUTHOR: LEVAQUE, J.
COMMODITIES: LIMESTONE, GOLD, COPPER, IRON
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY A NORTHWEST TRENDING BELT OF THE QUATSINO LIMESTONE FORMATION IN CONTACT WITH VOLCANIC ROCKS OF THE KARMUTSEN FORMATION. SEVERAL DYKES TRENDING PARALLEL TO THE LIMESTONE BELT HAVE BEEN INTERSECTED BY PREVIOUS DRILLING AND WERE OUTLINED BY THE MAGNETOMETER SURVEY.
WORK DONE: GEOL 1:6000
MAGG 14.0 KM
EMGR 14.0 KM;VLF
LINE 14.0 KM
REFERENCES: A.R. 4723,5273,14186,14817
M.I. 092F 104-DAVIE BAY;092F 287-PAUL

DE OAR, WILL

MINING DIV: NANAIMO ASSESSMENT REPORT 14474 INFO CLASS 2
LOCATION: LAT. 49 43.8 LONG. 124 30.0 NTS: 92F/ 9W 92F/10E
CLAIMS: WIP 1-14, MOLLY, MOLLY 1-7, WILL 1-6, WILL 2 FR. TEX 1-2, KELLY JO FR., JOE
OPERATOR: BP RES. CAN.
AUTHOR: BLEANEY, W. GRAVEL, J.
COMMODITIES: COPPER, IRON, LIMESTONE
DESCRIPTION: TRIASSIC AGE KARMUTSEN FORMATION ANDESITIC AND BASALTIC FLOWS ARE OVERLAIN OR IN FAULT CONTACT WITH QUATSINO FORMATION LIMESTONE. BOTH UNITS ARE INTRUDED BY JURASSIC GRANODIORITE TO QUARTZ MONZONITE IN PLUGS AND STOCKS. MINERALIZATION CONSISTS OF SKARN-HOSTED MASSIVE MAGNETITE, PYRITE, ARSENOPYRITE AND CHALCOPYRITE. SEVEN ZONES WITH MULTIELEMENT SOIL ANOMALIES WERE IDENTIFIED.
WORK DONE: GEOL 1:5000
SOIL 1060;MULTIELEMENT
ROCK 19;MULTIELEMENT
LINE 63.0 KM
REFERENCES: A.R. 3244,4903,5793,7219,7843,14474
M.I. 092F 300-DE OAR;092F 363-WILL

HOLLY

MINING DIV: NANAIMO ASSESSMENT REPORT 14861 INFO CLASS 3
LOCATION: LAT. 49 44.7 LONG. 124 33.4 NTS: 92F/10E
CLAIMS: YEW 7
OPERATOR: NORTHAIR MINES
AUTHOR: HICKS, K.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIM IS UNDERLAIN BY TWO THICK SECTIONS OF AMYGDALOIDAL BASALT OF THE UPPER TRIASSIC KARMUTSEN FORMATION SEPARATED BY A THIN, IRREGULAR FINE-GRAINED LIMESTONE CONTAINING SKARN TYPE MASSIVE SULPHIDE MINERALIZATION CONSISTING OF PYRITE, PYRRHOTITE, MAGNETITE AND LESSER CHALCOPYRITE WITH GOLD VALUES AVERAGING 12.7 GRAMMES/TONNE OVER A TRUE WIDTH OF 0.4 METRES.
WORK DONE: GEOL 1:500
DIAD 270.1 M;13 HOLES,NQ
SAMP 61;AU,AG
REFERENCES: A.R. 14861
M.I. 092F 321-HOLLY

LITTLE BILLIE, CORNELL, MARBLE BAY, COPPER QUEEN

MINING DIV: NANAIMO ASSESSMENT REPORT 14425 INFO CLASS 2
LOCATION: LAT. 49 45.0 LONG. 124 32.5 NTS: 92F/10E 92F/15E
CLAIMS: C.G. L.515-528, C.G. L. 40, C.G. L. 201, M.L. M15
OPERATOR: CARTIER RES.
AUTHOR: WINTERS, L. WHITE, G.
COMMODITIES: COPPER, GOLD, SILVER
DESCRIPTION: MAFIC VOLCANICS AND LIMESTONE OF THE UPPER TRIASSIC KARMUTSEN AND QUATSINO FORMATIONS RESPECTIVELY ARE INTRUDED BY NUMEROUS DIORITE AND QUARTZ DIORITE PLUGS BELIEVED TO BE OF JURASSIC AGE. BORNITE AND MAGNETITE-RICH SKARNS WITH SIGNIFICANT GOLD AND SILVER VALUES OCCUR WHERE DIORITE HAS INTRUDED THE QUATSINO LIMESTONE.
WORK DONE: IPOL 25.2 KM
DIAD 1338.0 M;10 HOLES,BQ
SAMP 130;AU,AG,CU,PB,ZN
LINE 31.1 KM
ROAD 1.0 KM
TREN 30.0 M;3 TRENCHES
REFERENCES: A.R. 14425
M.I. 092F 105-LITTLE BILLIE;092F 112-CORNELL;092F 270-MARBLE BAY;092F 271-COPPER QUEEN

TEX, ADA

MINING DIV: NANAIMO ASSESSMENT REPORT 14444 INFO CLASS 2
LOCATION: LAT. 49 45.0 LONG. 124 36.5 NTS: 92F/10E 92F/15E
CLAIMS: TEX, ADA, ADA FR.
OPERATOR: PACKARD RES.
AUTHOR: MEDFORD, G.
DESCRIPTION: UPPER TRIASSIC KARMUTSEN FORMATION UNDERLIES MOST OF THE CLAIMS WITH SOME QUATSINO LIMESTONE OCCURRING ON THE EAST SIDE OF THE ADA CLAIM. VOLCANICS ARE MOSTLY PILLOW BASALTS WITH NORTHWEST TRENDING BRECCIA ZONES. THERE ARE SEVERAL ISOLATED ANOMALOUS GOLD VALUES IN SOIL.
WORK DONE: MAGG 14.6 KM
SOIL 801;AU,AG
SILT 10;AU,AG
ROCK 4;AG,AU
REFERENCES: A.R. 14444

VOLUNTEER

MINING DIV: NANAIMO ASSESSMENT REPORT 14814 INFO CLASS 3
LOCATION: LAT. 49 45.1 LONG. 124 33.8 NTS: 92F/10E 92F/15E
CLAIMS: VOLUNTEER
OPERATOR: HERITAGE PETROLEUMS
AUTHOR: DASLER, P.
COMMODITIES: IRON
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY THE UPPER TRIASSIC QUATSINO FORMATION WHICH ON THE PROPERTY, IS COMPRISED OF A WEAKLY BEDDED SEQUENCE OF RECRYSTALLIZED LIMESTONE AND SANDY LIMESTONE BEDS INTRUDED BY DIORITE. LENSES OF MASSIVE MAGNETITE OCCUR IN SKARNIFIED ROCKS AT THE CONTACT OF THE INTRUSIVE AND SEDIMENTS. DRILL RESULTS RETURNED LOW GOLD VALUES. THE MAGNETIC SURVEY IDENTIFIED SEVERAL MAGNETIC HIGH FEATURES.
WORK DONE: MAGG 19.3 KM
DIAD 131.1 M;4 HOLES;NQ
SAMP 29;AU
REFERENCES: A.R. 14814
M.I. 092F 268-VOLUNTEER
MC CONNEL 1912, MEM. 58

DOMINEER 22, DOMINEER, MUREX

MINING DIV: NANAIMO ASSESSMENT REPORT 14705 INFO CLASS 4

LOCATION: LAT. 49 45.2 LONG. 125 16.7 NTS: 92F/11W 92F/14W

CLAIMS: MWC 001, MWC 133-138, MWC 201-204, MWC 206, MWC 211-218 MWC 222-240, MWC 273-274 FR., MWC 280, ROBIN 5-8 FERRITT, MOUSE 1-2, BILL 1-5, DJV 1-5, DOMINEER 1 DOMINEER 3-4

OPERATOR: BETTER RES.

AUTHOR: NORTHCOTE, K.

COMMODITIES: GOLD, SILVER, COPPER, MOLYBDENUM

DESCRIPTION: THE PROPERTY IS UNDERLAIN BY A SEQUENCE OF UPPER TRIASSIC KARMUTSEN VOLCANICS WHICH ARE OVERLAIN BY UPPER CRETACEOUS NANAIMO GROUP SEDIMENTARY ROCKS, CUT BY TERTIARY PLUTONS AND DIATREME BRECCIAS. GENTLY DIPPING STRUCTURES ARE SILICIFIED AND MINERALIZED WITH GOLD AND SILVER OVER AN AREA OF AT LEAST 600 METRES BY 800 METRES.

WORK DONE: PETR 8
MNGR 17

REFERENCES: A.R. 839,1120,1142,1145,1691,4471,4505,5146, 5267,5604,5979,5980,6407,6930,9445,11995,11996, 12604,12605,14085,14705
M.I. 092F 116-DOMINEER 22;092F 117-DOMINEER; 092F 206-MUREX

JOE ANNE

MINING DIV: NANAIMO ASSESSMENT REPORT 14889 INFO CLASS 4

LOCATION: LAT. 49 43.4 LONG. 125 21.3 NTS: 92F/11W

CLAIMS: JOE ANNE 1-11, JOE ANNE 5

OPERATOR: BP RES. CAN.

AUTHOR: WONG, R.

COMMODITIES: GOLD, SILVER, COPPER

DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A TERTIARY INTRUSIVE COMPLEX AND SEDIMENTARY ROCKS OF THE LATE CRETACEOUS NANAIMO GROUP. THE SEDIMENTARY ROCKS HAVE BEEN ALTERED TO HORNFELS ADJACENT TO THE INTRUSIVES MINERALIZATION CONSISTS OF DISSEMINATED TO MASSIVE PYRRHOTITE,PYRITE, CHALCOPYRITE AND ARSENOPYRITE AND OCCURS IN HORNFELSED SEDIMENTS AND IN QUARTZ DIORITE CRACKLE BRECCIA WITH GOLD AND SILVER VALUES.

WORK DONE: GEOL 1:10000
SOIL 26;MULTIELEMENT
ROCK 21;MULTIELEMENT

REFERENCES: A.R. 13952,14595,14889
M.I. 092F 329-JOE ANNE

JOE ANNE

MINING DIV: NANAIMO ASSESSMENT REPORT 15116 INFO CLASS 3
LOCATION: LAT. 49 43.0 LONG. 125 21.0 NTS: 92F/11W
CLAIMS: JOE ANNE II, JOE ANNE 5
OPERATOR: IRON RIVER RES.
AUTHOR: NORTHCOTE, K.
COMMODITIES: SILVER, GOLD, COPPER
DESCRIPTION: THE JOE ANNE GROUP IS UNDERLAIN BY A FAULTED SUCCESSION OF KARMUTSEN FORMATION VOLCANICS UNCONFORMABLY OVERLAIN BY NANAIMO GROUP SEDIMENTS. THIS SUCCESSION ON THE RIDGE LEADING NORTH FROM MOUNT BROOKS AND THE AREA SOUTH AND EAST OF DIVERS LAKE IS CUT BY POLYPHASE TERTIARY PLUTONS AND INTRUSIVE HYDROTHERMAL BRECCIAS. THE BRECCIA COMPLEX IS BORDERED BY A BIOTITIC HORNFELS HALO IN THE NANAIMO GROUP. SULPHIDE MINERALIZATION WITH GOLD AND SILVER VALUES OCCUR IN HORNFELS AND IN HYDROTHERMAL BRECCIA.
WORK DONE: ROCK 19;MULTIELEMENT
PETR 42.0
REFERENCES: A.R. 14595,14889,15116
M.I. 092F 329-JOE ANNE

RAM

MINING DIV: NANAIMO ASSESSMENT REPORT 14426 INFO CLASS 3
LOCATION: LAT. 49 44.0 LONG. 125 16.5 NTS: 92F/11W
CLAIMS: RAM 1-2
OPERATOR: RAMPAGE RES.
AUTHOR: CAVEY, G. HOWE, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY TRIASSIC VOLCANICS OF THE KARMUTSEN FORMATION AND CRETACEOUS SEDIMENTS OF THE COMOX FORMATION. THE VOLCANICS AND SEDIMENTS ARE INTRUDED BY TERTIARY DIORITIC STOCKS, SILLS AND DYKES. THE GEOCHEMICAL SURVEY IDENTIFIED A COPPER, ARSENIC AND SILVER ANOMALY IN THE SOUTHWEST CORNER OF THE RAM 1 CLAIM.
WORK DONE: GEOL 1:5000
SOIL 840;MULTIELEMENT
REFERENCES: A.R. 12320,14426

GOOD HOPE

MINING DIV: NANAIMO ASSESSMENT REPORT 14434 INFO CLASS 3
LOCATION: LAT. 49 46.4 LONG. 125 12.0 NTS: 92F/14E
CLAIMS: WOLF
OPERATOR: ST. JAMES'S MIN.
AUTHOR: COOKE, D.
COMMODITIES: COPPER
DESCRIPTION: THE WOLF CLAIM IS UNDERLAIN BY UPPER TRIASSIC KARMUTSEN VOLCANIC ROCKS AND BY CRETACEOUS NANAIMO GROUP SILTSTONES AND GREYWACKES. AN EAST-NORTHEAST FAULT STRUCTURE TRANSECTS THE PROPERTY. MINERALIZATION ASSOCIATED WITH THE SHEAR ZONE CONSISTS OF PYRITE, PYRRHOTITE, ARSENOPYRITE AND CHALCOPYRITE. SLIGHTLY ELEVATED TO ANOMALOUS MULTIELEMENT VALUES OCCUR IN SOIL.
WORK DONE: GEOL 1:5000
MAGG 2.0 KM
EMGR 2.0 KM;VLF
SOIL 235;MULTIELEMENT
ROCK 8;MULTIELEMENT
REFERENCES: A.R. 12015,14434
M.I. 092F 183-GOOD HOPE

LUPUS

MINING DIV: NANAIMO ASSESSMENT REPORT 14442 INFO CLASS 3
LOCATION: LAT. 49 47.0 LONG. 125 12.0 NTS: 92F/14E
CLAIMS: LUPUS 1, LUPUS 3-6
OPERATOR: HOMESTAKE MIN. DEV.
AUTHOR: HARRAP, K.
COMMODITIES: GOLD, SILVER, COPPER, ZINC
DESCRIPTION: THE AREA IS UNDERLAIN BY A SUCCESSION OF NORTHEASTERLY DIPPING UPPER TRIASSIC KARMUTSEN MAFIC VOLCANICS WHICH ARE CONFORMABLY OVERLAIN BY UPPER CRETACEOUS NANAIMO GROUP SANDSTONE AND SILTSTONE. THIS SEQUENCE IS INTRUDED BY TERTIARY QUARTZ DIORITE AND RELATED DACITE PORPHYRIES. MINERALIZATION OCCURS MAINLY IN QUARTZ-CALCITE VEINS AND STOCKWORKS AND CONSISTS OF PYRITE, ARSENOPYRITE, SPHALERITE, CHALCOPYRITE AND PYRRHOTITE.
WORK DONE: GEOL 1:34500
SOIL 111;MULTIELEMENT
SILT 2;MULTIELEMENT
ROCK 42;MULTIELEMENT
REFERENCES: A.R. 12015,14434,14442
M.I. 092F 308-LUPUS

LUPUS

MINING DIV: NANAIMO ASSESSMENT REPORT 15034 INFO CLASS 2
LOCATION: LAT. 49 46.0 LONG. 125 10.0 NTS: 92F/14E
CLAIMS: LUPUS 1, LUPUS 3-6
OPERATOR: PAN WORLD VENTURES
AUTHOR: VERLEY, C.
COMMODITIES: GOLD, SILVER, COPPER, ZINC
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A SEQUENCE OF UPPER TRIASSIC KARMUTSEN FORMATION MAFIC VOLCANICS WHICH ARE UNCONFORMABLY OVERLAIN BY UPPER CRETACEOUS SANDSTONES AND SILTSTONES OF THE NANAIMO GROUP. THE SUCCESSION IS INTRUDED BY TERTIARY DACITE PORPHYRIES. GENTLY NORTHEASTERLY DIPPING GOLD-BEARING VEINS CONTAINING SPHALERITE, PYRITE, ARSENOPYRITE, GALENA AND CHALCOPYRITE OCCUR IN KARMUTSEN FORMATION ROCKS. STEEP, EASTERLY TRENDING GOLD-BEARING VEINS OF SIMILAR MINERALOGY OCCUR IN NANAIMO GROUP ROCKS. AN INDUCED POLARIZATION CONDUCTOR ASSOCIATED WITH THE LAKE ZONE IS OPEN TO THE NORTH AND SOUTH.
WORK DONE: GEOL 1:10000,1:1000
IPOL 4.9 KM
SOIL 1079;MULTIELEMENT
ROCK 25;AU,AG,AS,CU,PB,ZN
LINE 34.0 KM
REFERENCES: A.R. 12015,13426,14434,14442,15034
M.I. 092F 308-LUPUS

MUREX, DOMINEER

MINING DIV: NANAIMO ASSESSMENT REPORT 15228 INFO CLASS 3
LOCATION: LAT. 49 45.6 LONG. 125 14.5 NTS: 92F/14E 92F/14W
CLAIMS: MWC 151, MWC 153, FOX 1
OPERATOR: BETTER RES.
AUTHOR: BRISTOW, J.
COMMODITIES: COPPER, GOLD, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A THICK SUCCESSION OF UPPER TRIASSIC KARMUTSEN FORMATION VOLCANICS OVERLAIN BY SEDIMENTS OF THE UPPER CRETACEOUS COMOX FORMATION WHICH ARE CUT BY INTRUSIVE FELDSPAR PORPHYRY AND DIORITIC DYKES AND SILLS OF TERTIARY AGE. THE WHOLE SEQUENCE OF ROCKS IS INTRUDED BY BRECCIA SYSTEMS OF VARIOUS COMPOSITION, SIZE, SHAPE AND POSSIBLY OF DIFFERENT AGES. ONE SUCH MULTISTAGE BRECCIA (MUREX BRECCIA) CONTAINS GOLD MINERALIZATION ASSOCIATED WITH SULPHIDE CLOTS, IRREGULAR BLEBS AND DISSEMINATIONS INTERSTITIAL TO THE BRECCIA FRAGMENTS. PYRRHOT-

ITE, PYRITE AND CHALCOPYRITE ARE THE MAIN SULPHIDE MINERALS.

WORK DONE: DIAD 61.0 M;1 HOLE,NQ
SAMP 26;AU,AG
ROAD 0.2 KM

REFERENCES: A.R. 839,1120,1142,1145,1691,4471,4505,5146,5267,5604,5979,5980,6407,6930,9445,11996,12604,12605,14085,14705,15228
M.I. 092F 117-DOMINEER;092F 206-MUREX

DOMINEER, LAKEVIEW

MINING DIV: NANAIMO ASSESSMENT REPORT 15395 INFO CLASS 3
LOCATION: LAT. 49 45.7 LONG. 125 18.1 NTS: 92F/14W
CLAIMS: MWC 222 FR.
OPERATOR: BETTER RES.
AUTHOR: BRISTOW, J.
COMMODITIES: COPPER, MOLYBDENUM, GOLD, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A THICK SEQUENCE OF UPPER TRIASSIC KARMUTSEN FORMATION VOLCANICS OVERLAIN BY SEDIMENTS OF THE UPPER CRETACEOUS COMOX FORMATION WHICH ARE CUT BY INTRUSIVE FELDSPAR PORPHYRY AND DIORITE DYKES AND SILLS OF TERTIARY AGE. THIS WHOLE SEQUENCE OF ROCKS IS INTRUDED BY BRECCIA SYSTEMS OF VARIOUS COMPOSITION, SIZE, SHAPE AND POSSIBLY DIFFERENT AGES. THE AURIFEROUS ZONES ARE FROM 1.5 TO 3 METRES THICK, SEMICONCORDANT WITH BEDDING AND OCCUR WITHIN ALL ROCK TYPES INCLUDING MOST BRECCIA PIPES. THE BEST GRADES ARE ASSOCIATED WITH QUARTZ VEINING IN ASSOCIATION WITH PYRITE AND ARSENOPYRITE.
WORK DONE: DIAD 306.6 M;12 HOLES,NQ
SAMP 75;AU,AG
REFERENCES: A.R. 839,1120,1142,1145,1691,4471,4505,5146,5267,5604,5979,5980,6407,6930,9445,11995,11996,12604,12605,14085,14705,15228,15395
M.I. 092F 117-DOMINEER;092F 330-LAKEVIEW

ELNORA

MINING DIV: NANAIMO ASSESSMENT REPORT 14684 INFO CLASS 4
LOCATION: LAT. 49 47.0 LONG. 125 22.0 NTS: 92F/14W
CLAIMS: RINA 1, ELNORA 3, ELNORA 5
OPERATOR: IRON RIVER RES.
AUTHOR: NORTHCOTE, K.
COMMODITIES: SILVER, COPPER, LEAD, ZINC

DESCRIPTION: THE RINA/ELNORA CLAIMS ARE UNDERLAIN BY BLOCK-FAULTED KARMUTSEN FORMATION VOLCANICS WHICH ARE UNCONFORMABLY OVERLAIN BY NANAIMO GROUP SEDIMENTS. THE NANAIMO SEDIMENTARY ROCKS ARE INTRUDED BY TERTIARY PLUTONS AND POSSIBLY DIATREMES JUST TO THE SOUTHEAST. THE ELNORA SHOWING CONSISTS OF A BRECCIATED SILICEOUS VEIN SYSTEM WITH MINOR CARBONATE AND BARITE WHICH PINCHES AND SWELLS TO ONE METRE THICKNESS. IT IS MINERALIZED BY SCATTERED ONE TO TWO CENTIMETRE PODS OF GALENA AND SPHALERITE WITH LESSER CHALCOPYRITE, VERY MINOR TETRAHEDRITE WITH TRACES OF TENNANTITE, ARGENTITE, COVELLITE AND NATIVE SILVER.
WORK DONE: DIAD 35.1 M;3 HOLES,IEW
SAMP 1;AU,AG,PB,ZN
REFERENCES: A.R. 13598,14684
M.I. 092F 309-ELNORA

PML 63, PML 68, PML 69

MINING DIV: NANAIMO ASSESSMENT REPORT 14646 INFO CLASS 4
LOCATION: LAT. 49 53.0 LONG. 125 17.0 NTS: 92F/14W
CLAIMS: P.M.L. 63, P.M.L. 68-69
OPERATOR: MORAINE RES.
AUTHOR: SHELDRAKE, R. MACQUARRIE, D.
DESCRIPTION: THE AREA IS UNDERLAIN BY COMOX FORMATION SEDIMENTARY ROCKS. TEST PITTING UNDERTAKEN ON THE PLACER LEASES INDICATED CONSIDERABLE VOLUMES OF BLACK SAND AND LARGE BOULDERS OF MAGNETITE. MAGNETOMETER DATA INDICATE SEVERAL AREAS WHERE WEAK, LOCALIZED MAGNETIC HIGHS COULD INDICATE CONCENTRATIONS OF "BLACK SANDS".
WORK DONE: MAGG 3.4 KM
LINE 3.4 KM
REFERENCES: A.R. 14646

WOWO LAKE

MINING DIV: NANAIMO ASSESSMENT REPORT 15250 INFO CLASS 4
LOCATION: LAT. 49 51.8 LONG. 125 22.6 NTS: 92F/14W
CLAIMS: WOWO LAKE
OPERATOR: SOMBRIO MINES
AUTHOR: GROVE, E.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC KARMUTSEN FORMATION VOLCANICS. DRILL RESULTS ARE INCONCLUSIVE.
WORK DONE: DIAD 57.9 M;2 HOLES,EX
REFERENCES: A.R. 15250

BAY

MINING DIV: NANAIMO ASSESSMENT REPORT 14447 INFO CLASS 4
LOCATION: LAT. 49 47.7 LONG. 124 36.5 NTS: 92F/15E
CLAIMS: BAY
OPERATOR: PACKARD RES.
AUTHOR: MEDFORD, G.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC KARMUTSEN FORMATION VOLCANICS CONSISTING OF PILLOW BASALTS THAT CONTAIN FINE GRAINED MAFIC DYKES. QUATSINO LIMESTONE IS ALSO PREVALENT ON THE CLAIM. THE SOIL SURVEY RETURNED NEGLIGIBLE RESULTS IN GOLD.
WORK DONE: GEOL 1:5000
SOIL 10;AU
REFERENCES: A.R. 14447

GLADYS C - CADET

MINING DIV: NANAIMO ASSESSMENT REPORT 14827 INFO CLASS 3
LOCATION: LAT. 49 45.2 LONG. 124 34.0 NTS: 92F/15E
CLAIMS: TEXADA FR., MIDAS, MAG 2, PRIEST, GLADYS C, PARIS BOLIVAR 24, CADET, VOLUNTEER, TEXADA
OPERATOR: HERITAGE PETROLEUMS
AUTHOR: DASLER, P.
COMMODITIES: IRON, ZINC, COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY (TRIASSIC) QUATSINO FORMATION LIMESTONES AND KARMUTSEN FORMATION VOLCANICS, WHICH ARE INTRUDED BY DIORITE (JURASSIC) STOCKS, DYKES AND SILLS RESULTING IN SKARN MINERALIZATION CONTAINING MAGNETITE AND CHALCOPYRITE. THE DRILLING PROGRAM FAILED TO FIND SIGNIFICANT MAGNETITE SKARN MINERALIZATION WITH GOLD VALUES AT DEPTH.
WORK DONE: GEOL 1:2400,1:300
MAGG 48.8 KM
EMGR 1.4 KM;VLF
SOIL 155;AU
ROCK 39;AU
DIAD 360.5 M;11 HOLES,NQ
SAMP 120;AU,AG
LINE 50.4 KM
ROAD 1.0 KM
TREN 23.0 M;1 TRENCH
REFERENCES: A.R. 5517,5898,6842,7414,14827
M.I. 092F 368-GLADYS C-CADET

GOLD

MINING DIV: NANAIMO ASSESSMENT REPORT 14446 INFO CLASS 4
LOCATION: LAT. 49 46.2 LONG. 124 35.7 NTS: 92F/15E
CLAIMS: GOLD 1-2
OPERATOR: PACKARD RES.
AUTHOR: MEDFORD, G.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC KARMUTSEN FORMATION VOLCANICS CONSISTING OF BASALTS. QUATSINO LIMESTONE ALSO OCCURS ON THE PROPERTY. ONE ISOLATED ANOMALOUS GOLD SOIL VALUE OCCURS.
WORK DONE: MAGG 0.8 KM
SOIL 36;AU
SILT 4;AU
ROCK 7;AU
REFERENCES: A.R. 14446

GE

MINING DIV: VANCOUVER ASSESSMENT REPORT 14872 INFO CLASS 3
LOCATION: LAT. 49 47.9 LONG. 124 23.0 NTS: 92F/16W
CLAIMS: KELLY 4
OPERATOR: FARGO RES.
AUTHOR: MITCHELL, M.
COMMODITIES: GERMANIUM, GALLIUM
DESCRIPTION: GERMANIUM AND GALLIUM MINERALIZATION OCCURS IN A COAL-BEARING CARBONACEOUS SHALE HORIZON OF ASSUMED EOCENE AGE. THE HORIZON IS FROM 1-5 METRES THICK, IT IS ENCLOSED IN ARKOSE, AND DIPS 15 DEGREES TO THE WEST. KNOWN LATERAL EXTENT OF THE SHOWING IS 300 METRES BY 100 METRES.
WORK DONE: ROTD 260.0 M;9 HOLES
REFERENCES: A.R. 10384,11263,14303,14872
M.I. 092F 137-GE

ZOIE

MINING DIV: VANCOUVER ASSESSMENT REPORT 15216 INFO CLASS 4
LOCATION: LAT. 49 49.6 LONG. 124 27.0 NTS: 92F/16W
CLAIMS: ZOIE 1
OPERATOR: FARGO RES.
AUTHOR: HILLMAN, R.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY THIN-BEDDED SEDIMENTARY ROCKS COMPOSED OF SHALE, SANDSTONE, ARKOSE AND CONGLOMERATE. THE TOTAL THICKNESS OF THE FORMATION HAS BEEN ESTIMATED TO BE ABOUT 450 METRES. UNDER-

LYING THE SEDIMENTARY ROCKS ARE PRE-TERTIARY GRANITIC ROCKS. THIN, DISCONTINUOUS LENSES OF COAL OCCUR THROUGHOUT THE FORMATION IN BOTH SANDSTONE AND SHALE MEMBERS. THE SEISMIC SURVEY WAS SUCCESSFUL IN IDENTIFYING THE CONTACT BETWEEN THE SEDIMENTARY ROCK SEQUENCE AND THE COMPETENT UNDERLYING GRANITE.

WORK DONE: SEIS 0.3 KM
REFERENCES: A.R. 15216

VANCOUVER 92G

MARG-SUM

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14755 INFO CLASS 4
LOCATION: LAT. 49 4.5 LONG. 122 0.5 NTS: 92G/ 1E
CLAIMS: MARG-SUM 1-3
OPERATOR: TRIFCO MIN.
AUTHOR: TRIFAUX, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTHEAST TRENDING GREENSTONE, LIMESTONE AND BLACK ARGILLACEOUS SCHISTS OF THE FIRE LAKE GROUP. EXTENSIVE OVERBURDEN APPEARS LIMONITIC. MANGANESE STAINS ARE WIDESPREAD. QUARTZ FLOAT SHOWS SULPHIDE MINERALIZATION.
WORK DONE: SOIL 9;MULTIELEMENT
SILT 5;MULTIELEMENT
ROCK 16;MULTIELEMENT
REFERENCES: A.R. 11133,14755

NAMI

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 15098 INFO CLASS 4
LOCATION: LAT. 49 2.5 LONG. 122 4.0 NTS: 92G/ 1E
CLAIMS: NAMI 1-10
OPERATOR: TRIFAUX, R.
AUTHOR: TRIFAUX, R.
DESCRIPTION: OUTCROPS FOUND ON THE PROPERTY INCLUDE BLACK ARGILLITE, BASALT, TWO ULTRA-MAFIC BODIES, WHITE QUARTZ AND GREISENS. ISOLATED SAMPLES CONTAIN ELEVATED VALUES OF BASE METALS AND GOLD.
WORK DONE: ROCK 24;MULTIELEMENT
PROS 1:8333
REFERENCES: A.R. 11156,15098

SUMMIT

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14991 INFO CLASS 4
LOCATION: LAT. 49 2.1 LONG. 122 5.1 NTS: 92G/ 1E
CLAIMS: SUMMIT 5-6, SUMMIT 8
OPERATOR: TRIFAUX, R.
AUTHOR: TRIFAUX, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY JURASSIC METAVOLCANICS AND METASEDIMENTS. GEOCHEMICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: SOIL 17;MULTIELEMENT
ROCK 19;MULTIELEMENT
PROS 1:5000,1:2500
REFERENCES: A.R. 10192,14318,14991

COPPER BAY

MINING DIV: VANCOUVER ASSESSMENT REPORT 14356 INFO CLASS 3
LOCATION: LAT. 49 30.5 LONG. 123 21.5 NTS: 92G/ 6W 92G/11W
CLAIMS: MB 11, MB 18, JD 2, JD 4, MB 1-2
OPERATOR: MCGORAN, J.
AUTHOR: DURFELD, R.
COMMODITIES: COPPER
DESCRIPTION: THE MB CLAIM GROUP IS UNDERLAIN BY THE LOWER CRETACEOUS GAMBIER GROUP THAT IN THE CLAIM AREA IS RECOGNIZED AS A NORTHWESTERLY TRENDING SERIES OF ARGILLITES, VOLCANIC WACKES AND MASSIVE ANDESITES. LOCALLY THE ROCKS ARE CUT BY DIORITIC ROCKS OF THE COAST RANGE BATHOLITH AND IN THE CENTRE OF GAMBIER CREEK ARE CUT BY A HETEROGENEOUS ASSEMBLAGE OF QUARTZ PORPHYRY, BRECCIA AND SUBPORPHYRITIC GRANITIC ROCKS. IT IS THIS QUARTZ PORPHYRY AND ASSOCIATED ALTERED VOLCANIC ROCKS THAT HOST THE COPPER-MOLYBDENUM MINERALIZATION THAT IS RECOGNIZED AS THE 'GAMBIER ISLAND PORPHYRY COPPER - MOLYBDENUM DEPOSIT'.
WORK DONE: SOIL 185;MULTIELEMENT
SILT 6;MULTIELEMENT
ROCK 5;MULTIELEMENT
LINE 7.0 KM
REFERENCES: A.R. 3087,3724,3908,7126,7730,7741,8633,14356
M.I. 092GNW025-COPPER BAY

TREASURE MTN.

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14713 INFO CLASS 3
LOCATION: LAT. 49 17.0 LONG. 122 26.5 NTS: 92G/ 8W
CLAIMS: TREASURE MTN.
OPERATOR: MODULE RES.
AUTHOR: SOOKOCHOFF, L.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY CRETACEOUS DIORITE-QUARTZ DIORITE OF THE COAST PLUTONIC COMPLEX. EOCENE SEDIMENTS OCCUR IN THE CENTRAL PORTION OF THE CLAIM. AN EAST-WEST TRENDING ZONE UP TO FOUR METRES WIDE OF 5 PER CENT FINE DISSEMINATED PYRITE CAN BE TRACED FOR FIFTY METRES. BLEACHING AND EPIDOTE VEINLETS OCCUR PERIPHERAL TO FAULT AND SHEAR ZONES.
WORK DONE: GEOL 1:4000
SOIL 293;CU,ZN,AG,PB,AS
REFERENCES: A.R. 14713

BREM

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14486 INFO CLASS 3
LOCATION: LAT. 49 41.7 LONG. 122 3.6 NTS: 92G/ 9E
CLAIMS: TOIL, ED 1
OPERATOR: DIAMOND RES.
AUTHOR: POLONI, J. CANDY, C.
COMMODITIES: COPPER, LEAD, ZINC
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY INTERMEDIATE VOLCANIC AND LESSER SEDIMENTARY ROCKS OF THE JURASSIC AGE HARRISON LAKE GROUP. THE SURVEY DATA IDENTIFIED A HIGH BACKGROUND CHARGEABILITY AGAINST WHICH A NUMBER OF CHARGEABILITY HIGHS OCCUR. THE DRILL PROGRAM IDENTIFIED PYRITIC TUFFACEOUS VOLCANIC HORIZONS WHICH RETURNED LOW GOLD AND SILVER ASSAYS.
WORK DONE: IPOL 8.0 KM
DIAD 525.2 M;4 HOLES,HQ
SAMP 325;AG,AU
REFERENCES: A.R. 14486
M.I. 092GNE024-BREM

FRONTIER, GEM

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14845 INFO CLASS 3
LOCATION: LAT. 49 45.0 LONG. 122 17.0 NTS: 92G/ 9E 92G/ 9W
CLAIMS: GEM 1-3, 2B, 02B, FRONTIER 1-5
OPERATOR: DANBUS RES.
AUTHOR: VON EINSIEDEL, C
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTH TRENDING LOWER CRETACEOUS FIRE LAKE GROUP METASEDIMENTS AND METAVOLCANICS THAT HAVE BEEN INTRUDED BY CRETACEOUS GRANITES. NORTHWEST TRENDING FAULTS ASSOCIATED WITH THE HARRISON LAKE FAULT SYSTEM CROSSCUT THE PROPERTY. GEOCHEMICAL SURVEYS INDICATE ANOMALOUS GOLD, SILVER, COPPER, LEAD AND ZINC VALUES IN SOILS AND ROCKS.
WORK DONE: GEOL 1:10000
MAGG 11.3 KM
EMGR 11.3 KM;VLF
SOIL 600;MULTIELEMENT
SILT 50;MULTIELEMENT
ROCK 50;MULTIELEMENT
REFERENCES: A.R. 14845

ROY

MINING DIV: VANCOUVER ASSESSMENT REPORT 14838 INFO CLASS 3
LOCATION: LAT. 49 36.5 LONG. 122 58.6 NTS: 92G/10W
CLAIMS: DON FR.
OPERATOR: FALCONBRIDGE COPPER
AUTHOR: GIBSON, H.
COMMODITIES: COPPER, MOLYBDENUM, ZINC
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY JURASSIC TO CRETACEOUS AGE METAVOLCANIC AND SEDIMENTARY ROCKS OF THE BRITANNIA PENDANT. THE VOLCANIC STRATIGRAPHY STRIKES NORTHWEST AND DIPS MODERATELY TO THE NORTHEAST. THE TARGET SOUGHT WAS VOLCANOGENIC MASSIVE SULPHIDE MINERALIZATION, HOWEVER NO SIGNIFICANT MINERALIZATION WAS INTERSECTED.
WORK DONE: DIAD 328.7 M;1 HOLE,BQ
SAMP 5;CU,ZN,AG,AU
REFERENCES: A.R. 6966,14838
M.I. 092GNE001-ROY

UNIVERSAL

MINING DIV: VANCOUVER ASSESSMENT REPORT 14896 INFO CLASS 4
LOCATION: LAT. 49 35.1 LONG. 123 13.2 NTS: 92G/11E
CLAIMS: UNIVERSAL
OPERATOR: ROANOKE EX.
AUTHOR: MARK, D.
DESCRIPTION: THE CLAIM IS MOSTLY UNDERLAIN BY GRANODIORITE AND QUARTZ DIORITE OF THE JURASSIC AGE COAST INTRUSIONS. A MAGNETIC LOW FEATURE MAY REPRESENT A LITHOLOGIC CHANGE.
WORK DONE: MAGG 3.3 KM
EMGR 2.8 KM;VLF
REFERENCES: A.R. 10329,11338,14896

CLARE

MINING DIV: VANCOUVER ASSESSMENT REPORT 15333 INFO CLASS 4
LOCATION: LAT. 49 38.2 LONG. 123 17.0 NTS: 92G/11W
CLAIMS: CLARE
OPERATOR: GOLDSMITH, L.
AUTHOR: GOLDSMITH, L.
DESCRIPTION: GABBRO AND ANORTHOSITE OCCUR WITHIN UPPER CRETACEOUS COAST RANGE QUARTZ-DIORITE. DISSEMINATIONS OF MINOR CHALCOPYRITE AND PYRITE OCCUR IN THE GABBRO. THE GEOPHYSICAL SURVEY IDENTIFIED AN EAST TRENDING MAGNETIC ANOMALY WITH A VERY WEAK SOIL GEOCHEMICAL RESPONSE.
WORK DONE: GEOL 1:5000
MAGG 4.3 KM
SOIL 64;CU,NI,AU
ROCK 3;CU,NI,AU,PT
REFERENCES: A.R. 15333

LEGEND

MINING DIV: VANCOUVER ASSESSMENT REPORT 15020 INFO CLASS 3
LOCATION: LAT. 49 30.5 LONG. 123 36.5 NTS: 92G/12E
CLAIMS: LEGEND, LEGEND 2
OPERATOR: PEBBLE GOLD RES.
AUTHOR: HARRIS, C.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER CRETACEOUS COAST RANGE GRANITIC ROCKS IN CONTACT WITH IRREGULAR AND AS YET UNDEFINED ROOF PENDANTS CONSISTING OF METAVOLCANIC AND METASEDIMENTARY ROCKS. THE GEOCHEMICAL SURVEY IDENTIFIED ANOMALOUS GOLD VALUES IN

SOILS.
WORK DONE: SOIL 188;MULTIELEMENT
SAMP 19;MULTIELEMENT
LINE 4.3 KM
ROAD 2.0 KM
TREN 138.0 M;7 TRENCHES
REFERENCES: A.R. 10785,15020

SKOOKUM, WALLY, CHALICE

MINING DIV: VANCOUVER ASSESSMENT REPORT 14736 INFO CLASS 3
LOCATION: LAT. 49 44.0 LONG. 123 58.8 NTS: 92G/12W
CLAIMS: CHALICE I, WALLY III
OPERATOR: CHALICE MIN.
AUTHOR: GROVE, E. MACQUARRIE, D.
COMMODITIES: GOLD, SILVER, COPPER, MOLYBDENUM
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY CRETACEOUS AGE MULTIPHASE AND ALTERED GRANODIORITIC INTRUSIONS. SULPHIDE BEARING QUARTZ VEINS, QUARTZ VEIN STOCKWORK ZONES, MINERALIZED BRECCIA ZONES AND DISSEMINATED PORPHYRY STYLE MINERALIZATION OCCUR WITHIN HIGHLY ALTERED GRANODIORITE CUT BY A VARIETY OF BASALT TO RHYOLITE COMPOSITION DYKES. PRECIOUS METAL VALUES OCCUR.
WORK DONE: IPOL 1.2 KM
DIAD 314.6 M;20 HOLES,AQ
SAMP 83;AU,AG
TREN 102.0 M
REFERENCES: A.R. 2722,3757,5007,11129,11333,12641,14736
M.I. 092GNW008-SKOOKUM;092GNW012-WALLY;092GNW050-CHALICE

VENETIAN

MINING DIV: VANCOUVER ASSESSMENT REPORT 15066 INFO CLASS 3
LOCATION: LAT. 49 58.9 LONG. 123 7.1 NTS: 92G/14E
CLAIMS: LOUISE, LOUISE 2-3
OPERATOR: AMERICAN WESTWATER
AUTHOR: MARK, D.
COMMODITIES: SILVER, COPPER, GOLD, LEAD
DESCRIPTION: THE LOUISE CLAIMS LIE WITHIN A SMALL ROOF PENDANT OF EARLY CRETACEOUS VOLCANIC AND SEDIMENTARY ROCKS WITHIN THE COAST RANGE PLUTONIC COMPLEX. THE PROPERTY IS CUT BY A NUMBER OF NORTHWEST AND WEST-STRIKING FAULTS. DISSEMINATIONS AND CONCENTRATIONS OF PYRITE, CHALCOPYRITE, MALACHITE AND GALENA OCCUR WITHIN QUARTZ.

WORK DONE: GEOL 1:2500
MAGG 11.3 KM
EMGR 11.3 KM;VLF
SOIL 514;AU,AG,PB,ZN,CU
ROCK 10;AU,AG,PB,ZN,CU
REFERENCES: A.R. 6114,6514,7093,8783,12226,15066
M.I. 092GNW029-VENETIAN

ASHLOO

MINING DIV: VANCOUVER ASSESSMENT REPORT 14703 INFO CLASS 4
LOCATION: LAT. 49 56.8 LONG. 123 24.6 NTS: 92G/14W
CLAIMS: HAWK 2
OPERATOR: SLIM'S EX. & MIN.
AUTHOR: BABKIRK, W. COLP, S.
COMMODITIES: GOLD, SILVER, COPPER
DESCRIPTION: THE AREA IS PART OF THE COAST CRYSTALLINE COMPLEX COMPOSED OF EXTENSIVE CRETACEOUS OR OLDER GRANODIORITE INTRUSIVES. A ONE METRE WIDE QUARTZ VEIN STRIKING 15 DEGREES AND DIPPING 25 DEGREES WESTERLY OCCURS IN A FRACTURE ZONE. THE QUARTZ VEIN CONTAINS AURIFEROUS SULPHIDE MINERALIZATION.
WORK DONE: DIAD 62.0 M;1 HOLE,EX
REFERENCES: A.R. 5592,6043,6155,7403,8084,10633,13278, 13847,14703
M.I. 092GNW013-ASHLOO

SILVER TUSK

MINING DIV: VANCOUVER ASSESSMENT REPORT 14478 INFO CLASS 2
LOCATION: LAT. 49 46.3 LONG. 123 19.1 NTS: 92G/14W
CLAIMS: SILVER TUSK, MAVIS
OPERATOR: NEWMONT EX. OF CAN.
AUTHOR: BOYLE, H.
COMMODITIES: LEAD, ZINC
DESCRIPTION: THE CLAIMS COVER A PORTION OF THE CLOWHOM PENDANT OF THE CRETACEOUS GAMBIER GROUP VOLCANIC AND SEDIMENTARY ROCKS WITHIN THE COAST PLUTONIC COMPLEX. THE VOLCANIC-SEDIMENTARY ROCKS LIE IN FAIRLY UNIFORM, NORTHERLY TRENDING, STEEP WESTERLY DIPPING BEDS CUT BY STEEP FAULTS. A SILICEOUS, ALTERED FELSIC UNIT EXTENDING ALONG THE WEST SIDE OF THE PENDANT HOSTS PRECIOUS AND BASE METAL MINERALIZATION IN VEINS AND AS DISSEMINATIONS. VALUES TO 1800 PPB GOLD AND 39 PPM SILVER WERE DETECTED IN SAMPLES.
WORK DONE: DIAD 647.7 M;12 HOLES,BQ

SAMP 328;CU,PB,ZN,AG,AU
REFERENCES: A.R. 10279,11180,12660,14478
M.I. 092GNW051-SILVER TUSK

HADES, BRIMSTONE

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14663 INFO CLASS 3
LOCATION: LAT. 49 47.0 LONG. 122 14.0 NTS: 92G/16E 92G/16W
CLAIMS: HADES, BRIMSTONE
OPERATOR: HYCROFT RES. & DEV.
AUTHOR: CHRISTIE, J. RICHARDS, G.
DESCRIPTION: INTENSE QUARTZ-SERICITE-PYRITE ZONES OCCUR WITHIN ANDESITIC TO ACIDIC VOLCANICS OF THE FIRE LAKE GROUP (JURASSIC-CRETACEOUS). SIMILAR SIZED ZONES OF PLUS 100 PPB GOLD IN SOILS ARE ASSOCIATED. ROCK CHIPS WITHIN THE ZONES ARE COMMONLY 100-1000 PPB GOLD WITH A HIGH OF 9920 PPB GOLD.
WORK DONE: GEOL 1:1000
SOIL 222;AU
ROCK 233;AU
REFERENCES: A.R. 9783,12217,14663

KUM

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14515 INFO CLASS 4
LOCATION: LAT. 49 46.5 LONG. 122 11.7 NTS: 92G/16E
CLAIMS: SKOO, KUM, CHUCK
OPERATOR: SUN GOD RES.
AUTHOR: BUTTERWORTH, B. SEYWERD, M.
DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY LOWER CRETACEOUS FIRE LAKE GROUP VOLCANIC BRECCIAS, VOLCANICLASTICS AND INTERBEDDED FELSIC FLOWS. A NUMBER OF HIGH CHARGEABILITY ZONES WERE IDENTIFIED FROM THE GEOPHYSICAL SURVEY.
WORK DONE: IPOL 3.0 KM
REFERENCES: A.R. 12633,14515

EASY

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 15255 INFO CLASS 4
LOCATION: LAT. 49 56.6 LONG. 122 26.0 NTS: 92G/16W
CLAIMS: EASY 1
OPERATOR: LACANA MIN.
AUTHOR: CUKOR, D. SADLIER-BROWN, T
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY INTERMEDIATE TO

FELSIC VOLCANIC ROCKS OF THE LOWER CRETACEOUS - UPPER JURASSIC FIRE LAKE GROUP. DISSEMINATED GALENA MINERALIZATION OCCURS IN RHYOLITE BRECCIAS.

WORK DONE: GEOL 1:1666
SOIL 45;AG,PB
ROCK 22;AG,PB,AU
REFERENCES: A.R. 11436,15255

SLO

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14771 INFO CLASS 3
LOCATION: LAT. 49 45.5 LONG. 122 21.0 NTS: 92G/16W
CLAIMS: SLO 1-2
OPERATOR: COMINCO
AUTHOR: FREEZE, A.
COMMODITIES: LEAD, ZINC, GOLD
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY A SEQUENCE OF SHALLOW-DIPPING FELSIC FRAGMENTAL ROCKS WHICH INTERFINGER WITH ANDESITIC FLOW ROCKS. A HORIZON OF RHYOLITIC CHERTY TUFFITE LIES NEAR THE TOP OF THE SEQUENCE AND IS CAPPED BY A WELL-BEDDED SEQUENCE OF ARGILLACEOUS VOLCANICS. TO THE NORTH AND SOUTH OF THE CLAIMS THE VOLCANICS AND SEDIMENTS ARE CUT BY INTRUSIONS OF DIORITIC COMPOSITION. DISSEMINATED PYRITE, PYRRHOTITE, CHALCOPYRITE AND SPHALERITE WITH HIGH VALUES OF LEAD, SILVER, GOLD, MERCURY, BARIUM AND ARSENIC LOCATED TO DATE APPEAR TO OCCUR MAINLY AS STOCKWORKS THUS SUGGESTING AN EPIGENETIC ORIGIN.
WORK DONE: GEOL 1:20000
ROCK 35;MULTIELEMENT
REFERENCES: A.R. 8423,9775,14771
M.I. 092GNE027-SLO

COOL

MINING DIV: OSOYOOS ASSESSMENT REPORT 14671 INFO CLASS 3
LOCATION: LAT. 49 9.8 LONG. 120 16.0 NTS: 92H/ 1E 92H/ 1W
CLAIMS: COOL I-II, MAC I, OTTO II-III
OPERATOR: ASAMERA
AUTHOR: CAMPBELL, K. GRILL, E.
DESCRIPTION: CRETACEOUS VOLCANICLASTIC AND SEDIMENTARY ROCKS UNDERLIE THE CLAIMS. THE ROCKS ARE SILICIFIED AND CLAY-ALTERED. LOCALLY THE ROCKS ARE HIGHLY LIMONITIZED OR HEMATIZED, PARTICULARLY IN THE VICINITY OF ANDESITIC TO DIORITIC DYKES. ROCK UNITS DIP MODERATELY TO THE WEST. THE DYKES TREND NORTH-SOUTH AND EAST-WEST. FINE DISSEMINATED PYRITE IS THE ONLY VISIBLE SULPHIDE MINERALIZATION.
WORK DONE: GEOL 1:2500
MAGG 15.1 KM
SOIL 471;AU,AS,AG
ROCK 162;AU,AG,AS
LINE 25.1 KM
ROAD 1.5 KM
REFERENCES: A.R. 14671

BLUE CHIP

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14894 INFO CLASS 3
LOCATION: LAT. 49 18.7 LONG. 121 36.9 NTS: 92H/ 5E
CLAIMS: BLUE
OPERATOR: KERR ADDISON MINES
AUTHOR: BRULAND, T.
COMMODITIES: GOLD, SILVER, LEAD
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY METASEDIMENTS OF THE PENNSYLVANIAN AND PERMIAN AGE CHILLIWACK GROUP WHICH IS INTRUDED BY A QUARTZ DIORITE STOCK. MINERALIZATION CONSISTS OF ARSENOPYRITE, PYRITE, CHALCOPYRITE, GOLD AND TELLURIDES THAT OCCUR IN EASTERLY STRIKING QUARTZ VEINS WITHIN THE QUARTZ DIORITE.
WORK DONE: GEOL 1:2500
ROCK 109;AU,AG
REFERENCES: A.R. 7108,9894,14894
M.I. 092HSW017-BLUE CHIP

GEO

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14626 INFO CLASS 4
LOCATION: LAT. 49 20.0 LONG. 121 44.0 NTS: 92H/ 5E 92H/ 5W
CLAIMS: RN, MB 1, FF, HOT 1-8
OPERATOR: KERR ADDISON MINES
AUTHOR: FORTIN, G.
COMMODITIES: GOLD
DESCRIPTION: THE RN PROPERTY IS UNDERLAIN BY PELITIC ROCKS OF EITHER LATE PALEOZOIC OR MIDDLE JURASSIC AGE WHICH ARE INTRUDED BY OLIGOCENE-MIOCENE QUARTZ DIORITE STOCKS. TWO QUARTZ DIORITE STOCKS (250 METRES APART) ARE INTRUDED BY QUARTZ VEINS WHICH CONTAIN PYRRHOTITE, PYRITE, AND FREE GOLD.
WORK DONE: GEOL 1:5000
ROCK 69;AU,AG
REFERENCES: A.R. 11524,14626
M.I. 092HSW092-GEO

GEO

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14710 INFO CLASS 2
LOCATION: LAT. 49 20.0 LONG. 121 44.9 NTS: 92H/ 5E 92H/ 5W
CLAIMS: RN
OPERATOR: KERR ADDISON MINES
AUTHOR: CLENDENAN, A. BRULAND, T.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY PELITIC ROCKS OF EITHER LATE PALEOZOIC OR MIDDLE JURASSIC AGE WHICH HAVE BEEN INTRUDED BY OLIGOCENE-MIOCENE QUARTZ DIORITE STOCKS. TWO OF THE STOCKS HAVE BEEN DRILLED AND WERE FOUND TO CONTAIN QUARTZ VEINS AND VEIN STOCKWORKS, SOME OF WHICH CARRY FREE GOLD ASSOCIATED WITH PYRRHOTITE PLUS OR MINUS PYRITE.
WORK DONE: DIAD 833.5 M;5 HOLES,BQ
SAMP 695;AU
ROAD 0.04 KM
REFERENCES: A.R. 14626,14710
M.I. 092HSW092-GEO

NI

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14402 INFO CLASS 4
LOCATION: LAT. 49 29.8 LONG. 121 39.5 NTS: 92H/ 5E
CLAIMS: NI 258
OPERATOR: FLECK RES.
AUTHOR: MCGORAN, J.

DESCRIPTION: THE CLAIM IS UNDERLAIN IN THE NORTHEAST BY QUARTZ DIORITE AND IN THE SOUTHEAST BY PYROXENITE AND PERIDOTITE. SLIGHTLY ELEVATED NICKEL VALUES IN ROCK CHIPS OCCUR BUT THERE IS NO EVIDENCE OF ANOMALOUS PRECIOUS METALS OR PLATINUM GROUP METALS.
WORK DONE: ROCK 3;MULTIELEMENT
PROS 1:5000
REFERENCES: A.R. 14402

BRADSHAW, HEDLEY STAR

MINING DIV: OSOYOOS ASSESSMENT REPORT 14963 INFO CLASS 3
LOCATION: LAT. 49 18.3 LONG. 120 0.7 NTS: 92H/ 5W
CLAIMS: HEDLEY STAR, BRADSHAW, SPANISH GOLD
OPERATOR: MASCOT GOLD MINES
AUTHOR: SIMPSON, R. ROCKEL, E.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY TRIASSIC APEX MOUNTAIN GROUP GREENSTONES, CHERTS AND ARGILLITES. DISSEMINATED PYRITE OCCURS WITHIN NARROW, SILICIFIED ZONES ALONG FRACTURES CUTTING THE MAFIC VOLCANIC ROCKS. SOIL GEOCHEMICAL RESULTS REVEALED ISOLATED GOLD-ARSENIC ANOMALIES WHILE THE GEOPHYSICAL SURVEY IDENTIFIED STRONG VLF ELECTROMAGNETIC CONDUCTORS.
WORK DONE: MAGG 40.8 KM
EMGR 40.8 KM;VLF
SOIL 794;MULTIELEMENT
LINE 43.0 KM
REFERENCES: A.R. 14522,14963

CASCADE GOLD

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 15011 INFO CLASS 4
LOCATION: LAT. 49 23.0 LONG. 121 47.0 NTS: 92H/ 5W
CLAIMS: CASCADE GOLD 2
OPERATOR: EWING OIL
AUTHOR: KRUECKL, G.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY PENNSYLVANIAN CHILLIWACK GROUP SHALES, SANDSTONE, LIMESTONE, AND VOLCANIC ROCKS. SOIL SURVEY RESULTS ARE LOW.
WORK DONE: GEOL 1:5000
MAGG 5.2 KM
SOIL 53;AU
REFERENCES: A.R. 15011

CONDOR

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14395 INFO CLASS 3
LOCATION: LAT. 49 29.0 LONG. 121 52.5 NTS: 92H/ 5W 92H/12W
CLAIMS: CONDOR 9-10
OPERATOR: LANSCO RES.
AUTHOR: COOMBES, S. DASLER, P.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY MIDDLE JURASSIC TO LOWER CRETACEOUS SEDIMENTARY AND VOLCANICLASTIC ROCKS WHICH ARE IN PART FAULTED PARALLEL TO THE HARRISON LAKE FRACTURE SYSTEM. NO SIGNIFICANT ELECTROMAGNETIC CONDUCTORS WERE FOUND. THE GEOCHEMICAL SURVEY RETURNED ANOMALOUS GOLD VALUES IN STREAM SEDIMENT SAMPLES.
WORK DONE: GEOL 1:10000
EMGR 6.3 KM;VLF
ROCK 12;MULTIELEMENT
HMIN 3;AU,AG
REFERENCES: A.R. 14395

HARRISON, VENT

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14668 INFO CLASS 2
LOCATION: LAT. 49 19.4 LONG. 121 57.3 NTS: 92H/ 5W
CLAIMS: DOROTHY 1-3
OPERATOR: INT. CURATOR RES.
AUTHOR: GARRATT, G.
COMMODITIES: ZINC, COPPER, LEAD, GOLD, SILVER, BARITE
DESCRIPTION: THE SENECA IS A KUROKO TYPE MASSIVE SULPHIDE DEPOSIT WHICH IS HOSTED BY INTERMEDIATE TO FELSIC PYROCLASTICS OF THE HARRISON LAKE FORMATION BELIEVED TO BE OF MID-JURASSIC AGE. THE UNITS DIP 15-20 DEGREES SOUTHEAST AND ARE DISRUPTED BY NORTHEAST, NORTH, NORTHWEST AND WEST TRENDING FAULTS AND ASSOCIATED DYKES. STRONG ARGILLIC TO CHLORITIC ALTERATION IS ASSOCIATED WITH THE MINERIZATION. THE SENECA DEPOSIT IS ESTIMATED TO EXCEED 1 MILLION TONNES. A FRACTURE-CONTROLLED VEIN-FILLING ZINC-COPPER (GOLD, SILVER) BEARING MINERALIZED ZONE TRENDS NORTHEAST WITH DIMENSIONS OF AT LEAST 100 METRES BY 250 METRES. IT IS 1.5 KILOMETRES NORTHWEST OF THE SENECA DEPOSIT.
WORK DONE: GEOL 1:2000,1:1200,1:500
IPOL 3.9 KM
DIAD 1374.7 M;12 HOLES,NQ
SAMP 103;ZN,CU,PB,AU,AG
LINE 5.0 KM
ROAD 2.0 KM

TREN 70.0 M
REFERENCES: A.R. 2833,2998,5233,5476,5627,6058,6135,6328, 6453,7015,7053,7632,9844,10894,12322,14668
M.I. 092HSW013-HARRISON;092HSW139-VENT

JOGO

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14173 INFO CLASS 4
LOCATION: LAT. 49 19.9 LONG. 121 49.2 NTS: 92H/ 5W
CLAIMS: JOGO 1
OPERATOR: TOPKAPI RES.
AUTHOR: CUKOR, V.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY METAMORPHOSED VOLCANIC AND SEDIMENTARY ROCKS OF THE JURASSIC HARRISON LAKE FORMATION. META-ANDESITE, THE DOMINANT ROCK TYPE, IS FRACTURED AND LOCALLY HEAVILY STAINED WITH HEMATITE. IN THE AREA OF THIS HEMATITIC ALTERATION, ANOMALOUS SOIL GEOCHEMICAL GOLD VALUES WERE RECORDED. MAGNETIC TRENDS DO NOT APPEAR TO FOLLOW THE GEOCHEMICAL ANOMALY.
WORK DONE: MAGG 3.0 KM
REFERENCES: A.R. 14173

KEIKO

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 15094 INFO CLASS 2
LOCATION: LAT. 49 21.5 LONG. 121 50.5 NTS: 92H/ 5W
CLAIMS: KEIKO 1-7
OPERATOR: TRAFALGAR RES.
AUTHOR: WESTERMAN, C.
DESCRIPTION: JURASSIC SEDIMENTARY AND VOLCANIC ROCKS OF THE CAMP COVE AND HARRISON LAKE FORMATIONS ARE CUT BY SEVERAL FAULT-FRACTURE ZONES OF PROBABLE TERTIARY AGE. INTENSE PYRITIZATION, SILICIFICATION AND ARGILLIZATION ARE ASSOCIATED WITH THE FRACTURES. A LINEAR GOLD-SILVER SOIL ANOMALY IN EXCESS OF 400 METRES LONG IS PROBABLY RELATED TO AN ALTERED FAULT ZONE.
WORK DONE: GEOL 1:5000
SOIL 827;MULTIELEMENT
ROCK 160
LINE 27.0 KM
REFERENCES: A.R. 3706,5450,8573,13031,15094

ARGENTUM

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14714 INFO CLASS 4
LOCATION: LAT. 49 25.0 LONG. 121 6.4 NTS: 92H/ 6E
CLAIMS: ARGENTUM
OPERATOR: SILVER SADDLE MINES
AUTHOR: RODSTROM, H.
DESCRIPTION: THE ARGENTUM CLAIM IS UNDERLAIN BY SEDIMENTARY ROCKS OF THE UPPER JURASSIC AGE DEWDNEY CREEK FORMATION AND THE LOWER CRETACEOUS AGE PAYSAYTEN FORMATION. A DIORITE BODY AND DYKES WERE ALSO OBSERVED ON THE PROPERTY. THREE MINOR SHEAR ZONES ARE MINERALIZED WITH PYRITE, SPHALERITE, AND GALENA FROM WHICH ASSAYS OF 71 GRAMMES/TONNE, 23.3 GRAMMES/TONNE, 15.4 GRAMMES/TONNE GOLD WERE OBTAINED.
WORK DONE: SAMP 3;AG
PROS 1:10000
REFERENCES: A.R. 14714

BIG RANGE

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14751 INFO CLASS 3
LOCATION: LAT. 49 19.6 LONG. 121 7.8 NTS: 92H/ 6E
CLAIMS: BIG RANGE 9-13
OPERATOR: SHEEN MIN.
AUTHOR: CARDINAL, D.
DESCRIPTION: A MAJOR NORTHWEST STRIKING SERPENTINE FAULT-BELT (HOZAMEEN FAULT) CUTS THROUGH THE CLAIMS. JURASSIC SLATE, ARGILLITE AND GREYWACKE OF THE LADNER GROUP OCCUR EAST OF THE FAULT. ON THE WEST, IS THE HOZAMEEN GROUP - CHERT AND CHERTY GREENSTONE AND ARGILLITE, PALEOZOIC IN AGE. SHEARED ARGILLITES HOST GOLD AND ARSENIC ANOMALIES. A GRANODIORITE-QUARTZ MONZONITE PLUG AND ASSOCIATED SILLS HOST MOLYBDENUM AND ARSENIC MINERALIZATION.
WORK DONE: GEOL 1:10000
SOIL 12;MO,AU,AS,AG,CU,SN
SILT 12;MO,AU,AS,AG,CU,SN
ROCK 36;MO,AU,AS,AG,CU,SN
REFERENCES: A.R. 14570,14751
GSC MEM. 139

BIG RANGE

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 15323 INFO CLASS 3
LOCATION: LAT. 49 19.8 LONG. 121 7.0 NTS: 92H/ 6E
CLAIMS: BIG RANGE 9, BIG RANGE 11-12, TIMBERLINE 3, TIMBERWOLF 3
OPERATOR: CAARA VENTURES
AUTHOR: CURTIS, P.
DESCRIPTION: A MAJOR NORTHWEST FAULT (HOZAMEEN FAULT) CUTS THROUGH THE CLAIMS WITH JURASSIC LADNER GROUP SLATE, ARGILLITE AND GREYWACKE OCCURRING EAST OF THE FAULT AND TO THE WEST, PALEOZOIC HOZAMEEN GROUP CHERT, CHERTY GREENSTONE AND ARGILLITE. SOIL GEOCHEMISTRY RETURNED ANOMALOUS MULTIELEMENT VALUES.
WORK DONE: SOIL 470;MULTIELEMENT
REFERENCES: A.R. 14570,14751,15323

K.C.M.

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 14693 INFO CLASS 4
LOCATION: LAT. 49 16.8 LONG. 120 59.9 NTS: 92H/ 6E 92H/ 7W
CLAIMS: KCM EAST, KCM WEST
OPERATOR: KAM CREED MINES
AUTHOR: CARDINAL, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY SEDIMENTARY AND VOLCANIC ROCKS OF THE MESOZOIC AGE DEWDNEY CREEK AND PAYSAYTON GROUPS. ARSENOPYRITE OCCURS AS DISSEMINATIONS WITHIN A HIGHLY SILICIFIED MARIPOSITE ALTERED ROCK AND ALONG BEDDING PLANES IN SANDSTONES.
WORK DONE: ROCK 6;AU,AG
PROS 1:31680,1:800
REFERENCES: A.R. 14693

K.C.M.

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 15212 INFO CLASS 4
LOCATION: LAT. 49 16.6 LONG. 120 59.8 NTS: 92H/ 6E 92H/ 7W
CLAIMS: K.C.M. WEST
OPERATOR: KAM CREED MINES
AUTHOR: CARDINAL, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MESOZOIC DEWDNEY CREEK GROUP BEDDED SANDSTONE, CONGLOMERATIC SANDSTONE, CHERT AND CHERTY ARGILLITE. SOIL GEOCHEMISTRY RETURNED ANOMALOUS ARSENIC AND ZINC VALUES.
WORK DONE: GEOL 1:2000

SOIL 36;ZN,AG,AS,AU
LINE 1.0 KM
REFERENCES: A.R. 14693,15212

MASTER ACE

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 15086 INFO CLASS 4
LOCATION: LAT. 49 17.0 LONG. 121 8.0 NTS: 92H/ 6E
CLAIMS: MASTER ACE 1-11
OPERATOR: CARLAC MIN.
AUTHOR: CARDINAL, D.
DESCRIPTION: MASTER ACE CLAIMS ARE UNDERLAIN BY A MAJOR FAULT/ SHEAR STRUCTURE WHICH IS REPRESENTED BY AN ULTRAMAFIC - SERPENTINE BELT. THE BELT IS IN FAULT CONTACT WITH PALEOZOIC HOZAMEEN CHERT ROCKS. THE ULTRAMAFIC BODY CAN BE TRACED FOR AT LEAST 6.4 KILOMETRES AND TRENDS NORTH-SOUTH DIPPING BETWEEN 65-70 DEGREES WEST. THE FOOTWALL SIDE (WEST SIDE) OF THE SERPENTINE HOSTED 3-10 METRES WIDE QUARTZ/TALC SHEAR CARRYING ANOMALOUS VALUES OF GOLD, SILVER, COPPER, NICKEL, CHROMIUM AND PLATINUM.
WORK DONE: PROS 1:2000
REFERENCES: A.R. 15086

MURPHY

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14349 INFO CLASS 4
LOCATION: LAT. 49 25.0 LONG. 121 27.5 NTS: 92H/ 6W
CLAIMS: MARGIE
OPERATOR: AMENDOLAGINE, E.
AUTHOR: AMENDOLAGINE, E.
COMMODITIES: SILVER, COPPER, GOLD, LEAD, TUNGSTEN
DESCRIPTION: THE PROPERTY IS MAINLY UNDERLAIN BY METAVOLCANICS AND METASEDIMENTS OF THE CARBONIFEROUS CHILLIWACK GROUP. A NARROW BAND OF JACKASS MOUNTAIN SEDIMENTS OCCUR ALONG THE WESTERN BORDER OF THE CLAIM. FELSIC INTRUSIVES OF JURASSIC AGE INTRUDE THE SEDIMENTS AND VOLCANICS. MINERALIZATION OCCURS IN QUARTZ VEINS AND CONSISTS OF PYRITE AND CHALCOPYRITE.
WORK DONE: DIAD 22.8 M;1 HOLE,EX
SAMP 9;MULTIELEMENT
REFERENCES: A.R. 8827,10039,13190,14349
M.I. 092HSW006-MURPHY

RANDEB

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14857 INFO CLASS 3
LOCATION: LAT. 49 28.0 LONG. 121 23.0 NTS: 92H/ 6W
CLAIMS: RANDEB I-V, RANDEB VII
OPERATOR: ROJOLL EX.
AUTHOR: ARNOLD, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY METAVOLCANICS AND METASEDIMENTS THAT HAVE BEEN INTRUDED IN PLACES BY GRANODIORITE AND QUARTZ DIORITE STOCKS. THE GEOPHYSICAL SURVEY IDENTIFIED AN AREA OF ANOMALOUS MAGNETICS WITH ASSOCIATED NORTHWEST TRENDING VLF ELECTROMAGNETIC CONDUCTIVE ZONES.
WORK DONE: MAGA 110.0 KM
EMAB 110.0 KM;VLF
REFERENCES: A.R. 10997,14562,14857

GD

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 15317 INFO CLASS 3
LOCATION: LAT. 49 26.3 LONG. 120 41.9 NTS: 92H/ 7E
CLAIMS: AVT
OPERATOR: HECTOR RES.
AUTHOR: BOROVIC, I.
COMMODITIES: GOLD, COPPER
DESCRIPTION: THE CLAIM IS UNDERLAIN BY VOLCANICLASTIC ROCKS, LITHIC TUFFS, AGGLOMERATES AND TUFFS OF THE UPPER TRIASSIC NICOLA GROUP WHICH ARE INTRUDED BY GRANODIORITE AND DIORITE. MINERALIZATION CONSISTS OF TETRAHEDRITE GOLD, MINOR PYRITE AND MAGNETITE AND OCCURS IN QUARTZ VEINS THAT TREND NORTHEASTERLY AND NORTHWESTERLY. ANOMALOUS GEOCHEMICAL AND GEOPHYSICAL RESULTS WERE OBTAINED.
WORK DONE: GEOL 1:5000
MAGG 40.0 KM
EMGR 40.0 KM;VLF
SOIL 652;AU,AG,CU
TOPO 1:5000
LINE 46.1 KM
REFERENCES: A.R. 5043,15317
M.I. 092HSE134-GD

S AND M, METESTOFFER

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 15042 INFO CLASS 2
LOCATION: LAT. 49 16.4 LONG. 120 44.6 NTS: 92H/ 7E 92H/ 7W
CLAIMS: OK #1, M-30
OPERATOR: LONE JACK RES.
AUTHOR: CROOKER, G.
COMMODITIES: GOLD, COPPER, SILVER, LEAD, ZINC
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP VOLCANICS INTRUDED BY JURASSIC COAST RANGE GRANODIORITE. FAULT BRECCIA ZONES CONTAINING QUARTZ-CARBONATE VEINLETS ARE MINERALIZED WITH PYRITE, SPHALERITE, GALENA, AND CHALCOPYRITE WHICH ALSO CARRY GOLD AND SILVER VALUES. THE DRILL PROGRAM INTERSECTED LOW GRADE MINERALIZATION WITH SUB-ECONOMIC PRECIOUS AND BASE METAL VALUES.
WORK DONE: DIAD 939.9 M;8 HOLES,NQ
SAMP 120;AU,AG,PB,ZN,CU
REFERENCES: A.R. 314,362,409,549,2802,4170,5024,5491,15042
M.I. 092HSE073-S AND M;092HSE097-METESTOFFER

STIK

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 15279 INFO CLASS 3
LOCATION: LAT. 49 27.5 LONG. 120 33.0 NTS: 92H/ 7E
CLAIMS: STIK 15-17
OPERATOR: KETTLE RIVER RES.
AUTHOR: BOROVIC, I.
DESCRIPTION: TRIASSIC NICOLA GROUP VOLCANIC AND SEDIMENTARY ROCKS ARE INTRUDED BY YOUNGER (POSSIBLY OTTER) INTRUSIVES OF UPPER CRETACEOUS AGE. THE YOUNGEST ROCKS IN THE PROPERTY AREA ARE TERTIARY COAL-BEARING PRINCETON GROUP CLASTICS. STRONG NORTH-NORTHEAST STRIKING FOLDS AND NORTHWEST STRIKING FAULTS ARE CHARACTERISTIC OF THE REGIONAL STRUCTURES. THE GEOPHYSICAL RESULTS INDICATE STRONG COINCIDENT ANOMALIES.
WORK DONE: MAGG 9.5 KM
EMGR 9.5 KM;VLF
REFERENCES: A.R. 15279
ANN. RPT. 1947, 1982

VIRGINIA

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 14958 INFO CLASS 4
LOCATION: LAT. 49 21.4 LONG. 120 35.8 NTS: 92H/ 7E
CLAIMS: RIV 1-4
OPERATOR: CONTROL ENERGY
AUTHOR: O'GRADY, F.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP ANDESITES AND DACITES. MINERALIZATION CONSISTING OF PYRITE AND ARSENOPYRITE OCCURS IN QUARTZ VEINS AND STRINGERS IN A BRECCIATED ZONE WITHIN THE VOLCANICS. TWO MAGNETIC HIGH AREAS WERE IDENTIFIED FROM THE SURVEY.
WORK DONE: MAGG 6.9 KM
REFERENCES: A.R. 14958
M.I. 092HSE077-VIRGINIA

CF

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 15326 INFO CLASS 4
LOCATION: LAT. 49 26.3 LONG. 120 49.0 NTS: 92H/ 7W
CLAIMS: CF 1
OPERATOR: COUNT FLEET EX.
AUTHOR: ST. LOUIS, R.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY LATE TRIASSIC TULAMEEN ULTRAMAFIC COMPLEX HORNBLENDE CLINOPYROXENITE, SYENOGABBRO, SYENODIORITE, OLIVINE CLINOPYROXENITE, HORNBLENDE-OLIVINE CLINOPYROXENITE AND UPPER TRIASSIC NICOLA GROUP ANDESITES AND BASALTS.
WORK DONE: GEOL 1:10000
REFERENCES: A.R. 15326

HOP

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 15106 INFO CLASS 4
LOCATION: LAT. 49 12.5 LONG. 120 48.5 NTS: 92H/ 7W
CLAIMS: HOP 1-8
OPERATOR: WEBSTER, G.
AUTHOR: TAYLOR, D.
COMMODITIES: COPPER
DESCRIPTION: NICOLA VOLCANICS ARE INTRUDED BY A SERIES OF SYENOGABBRO, GRANODIORITES AND MAFIC ROCKS. PYRITE, CHALCOPYRITE AND BORNITE OCCUR IN HAIRLINE TO 5 MILLIMETRE WIDE FRACTURES CUTTING VOLCANICS AND INTRUSIVES AND STRIKING NORTHWEST AND NORTHEAST - PROBABLY PART OF A CONJUGATE SET.

WORK DONE: SAMP 9;CU,AG,AU
PROS 1:300
LINE 2.0 KM
REFERENCES: A.R. 12423,15106
M.I. 092HSE154-HOP

PUNCH

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 14692 INFO CLASS 4
LOCATION: LAT. 49 17.7 LONG. 120 59.4 NTS: 92H/ 7W
CLAIMS: PUNCH WEST, PUNCH EAST
OPERATOR: RABBITT, R.
AUTHOR: CARDINAL, D.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY MESOZOIC AGE FERRUGINOUS SEDIMENTS OF THE DEWDNEY CREEK AND PAYSAYTON GROUPS. SPHALERITE OCCURS ALONG FRACTURES WITHIN ARGILLITE AND SILTSTONE LENSES.
WORK DONE: ROCK 8;AU,AG,CU,ZN
PROS 1:31680,1:400
REFERENCES: A.R. 14692

PUNCH WEST, PUNCH EAST

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 15146 INFO CLASS 4
LOCATION: LAT. 49 17.0 LONG. 120 59.5 NTS: 92H/ 7W
CLAIMS: PUNCH WEST, PUNCH EAST
OPERATOR: RABBITT, R.
AUTHOR: CARDINAL, D.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY SANDSTONE, SILTSTONE, ARGILLITE, CHERT AND CONGLOMERATIC SANDSTONE OF THE DEWDNEY CREEK GROUP (MESOZOIC). MINERALIZATION OCCURS IN EAST-WEST TRENDING BRECCIA SHEAR ZONE AND CONSISTS OF ARSENOPYRITE, SPHALERITE, PYRITE AND MINOR GALENA WITH ANOMALOUS VALUES OF GOLD AND SILVER.
WORK DONE: GEOL 1:2000
SOIL 94;ZN,AG,AS,AU
REFERENCES: A.R. 15146
G.S.C. MEM. 243

CAHILL FR.

MINING DIV: OSOYOOS ASSESSMENT REPORT 14494 INFO CLASS 4
LOCATION: LAT. 49 20.9 LONG. 120 0.4 NTS: 92H/ 8E
CLAIMS: CAHILL FR.
OPERATOR: STEWART, R.
AUTHOR: MCKNIGHT, R.
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY JURASSIC AGE GRANODIORITES OR DIORITES. THE SOIL SURVEY RETURNED LOW RESULTS.
WORK DONE: SOIL 9;MULTIELEMENT
REFERENCES: A.R. 14494

CONNOR

MINING DIV: OSOYOOS ASSESSMENT REPORT 14608 INFO CLASS 4
LOCATION: LAT. 49 25.5 LONG. 120 5.5 NTS: 92H/ 8E
CLAIMS: CONNOR NO. 1, CONNOR NO. 4
OPERATOR: TODD, I.
AUTHOR: TODD, I.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY GRANITE. SOIL SAMPLES CONFINED TO A STRAIGHT LINE CONTAIN UP TO 0.16 PPM GOLD.
WORK DONE: SOIL 21;AU
REFERENCES: A.R. 14608

HEDLEY NORTH

MINING DIV: OSOYOOS ASSESSMENT REPORT 14879 INFO CLASS 2
LOCATION: LAT. 49 20.0 LONG. 120 2.0 NTS: 92H/ 8E
CLAIMS: HEDLEY NORTH, HEDLEY SOUTH, WINTERS GOLD, WINTERS GOLD 2 QUEENSTON FR., STAR FR., REDTOP, POWELL, NORFOLK FR. TOWER FR., VICTOR FR., SWEDEN FR., STAG FR.
OPERATOR: AVENUE RES.
AUTHOR: DISPIRITO, F. HULME, N.
COMMODITIES: GOLD, SILVER
DESCRIPTION: TRIASSIC AND SLIGHTLY OLDER SEDIMENTARY AND VOLCANIC ROCKS OF THE NICOLA GROUP ARE INTRUDED BY GRANODIORITE AND INTERMEDIATE SILLS OF JURASSIC AGE. THE ROCKS FORM THE WESTWARD DIPPING LIMB OF A BROAD ANTICLINE. ARGILLITES AND QUARTZITES ARE SILICIFIED AND LIMESTONE IS METASOMATIZED TO SKARN RESULTING FROM INTRUSION OF ANDESITIC SILLS AND GRANODIORITE. SKARNS ARE MINERALIZED WITH PYRITE, PYRRHOTITE, LESSER ARSENOPYRITE, RARE GALENA AND CHALCOPYRITE, GOLD AND SILVER. A 17 METRE LONG ADIT IS PRESENT IN VOLCANICS NEAR

GRANODIORITE CONTACT; IT CONTAINS GOLD VALUES.
WORK DONE: GEOL 1:5000
MAGG 70.3 KM
EMGR 103.3 KM;VLF
SOIL 198;MULTIELEMENT
ROCK 88;MULTIELEMENT
PETR 12 THIN SECTIONS
LINE 76.5 KM
REFERENCES: A.R. 11186,14879
M.I. 092HSE156-HEDLEY NORTH

IOTA

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 14753 INFO CLASS 3
LOCATION: LAT. 49 23.5 LONG. 120 6.7 NTS: 92H/ 8E
CLAIMS: STEM
OPERATOR: LACANA MIN.
AUTHOR: PETO, P.
COMMODITIES: GOLD, SILVER, LEAD, ZINC
DESCRIPTION: THE CLAIM IS UNDERLAIN BY NORTH TRENDING HORNFELSED AND LIMY ARGILLITES AND LIMESTONES OF THE HENRY FORMATION WHICH ARE INTRUDED BY GRANODIORITES OF THE OKANAGAN BATHOLITH. AN EAST-WEST SILICIFIED FISSURE AND BRECCIA ZONE CONTAINS PYRITE, ARGENTITE, GALENA AND SPHALERITE MINERALIZATION. THE GEOCHEMICAL SURVEY RETURNED ANOMALOUS ROCK CHIP VALUES BUT LOW TO MODERATE MULTIELEMENT VALUES IN SOIL.
WORK DONE: SOIL 144;MULTIELEMENT
ROCK 7;CU,PB,ZN,AS,AG,AU
REFERENCES: A.R. 14753
M.I. 092HSE119-IOTA

IOTA

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 15234 INFO CLASS 3
LOCATION: LAT. 49 23.6 LONG. 120 6.4 NTS: 92H/ 8E
CLAIMS: STEM
OPERATOR: VISCOUNT RES.
AUTHOR: PETO, P.
COMMODITIES: GOLD, SILVER, LEAD, ZINC
DESCRIPTION: A ONE METRE WIDE QUARTZ VEIN STRIKING EAST CUTS UPPER TRIASSIC HEDLEY FORMATION HORNFELSED LIMY ARGILLITES AND LIMESTONES. THE VEIN IS MINERALIZED WITH GALENA, SPHALERITE, PYRITE, HEMATITE WITH VALUES IN GOLD AND SILVER. SOIL GEOCHEMISTRY RETURNED LOW GOLD VALUES.

WORK DONE: GEOL 1:2500
SOIL 375;AU
REFERENCES: A.R. 14287,14753,15234
M.I. 092HSE119-IOTA

LOST HORSE

MINING DIV: OSOYOOS ASSESSMENT REPORT 15177 INFO CLASS 3
LOCATION: LAT. 49 16.3 LONG. 120 7.1 NTS: 92H/ 8E
CLAIMS: LOST HORSE 86
OPERATOR: MONTELLO RES.
AUTHOR: FALCONER, J.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP VOLCANIC AND SEDIMENTARY ROCKS, CUT BY JURASSIC SILLS AND A LATER GRANITIC INTRUSION. THE ROCKS ARE THERMALLY METAMORPHOSED AND METASOMATIZED. STRIKES ARE NORTHERLY WITH DIPS VERTICAL OR STEEPLY TO THE EAST. GOLD IS PRESENT (UP TO 5900 PPB) IN SKARNS AND CHERTS, PROXIMAL TO THE SEDIMENTARY-INTRUSIVE CONTACT AND ALSO OCCURS IN MASSIVE ARSENOPYRITE. GEOPHYSICAL SURVEY RESULTS IDENTIFIED VLF ELECTROMAGNETIC CONDUCTORS AND ANOMALOUS MAGNETIC READINGS.
WORK DONE: GEOL 1:5000
MAGG 101.5 KM
EMGR 101.5 KM;VLF
SOIL 248;MULTIELEMENT
ROCK 84;MULTIELEMENT
PETR 11 THIN SECTIONS
LINE 104.5 KM
REFERENCES: A.R. 8033,15177
M.I. 092HSE050-LOST HORSE

MALI

MINING DIV: OSOYOOS ASSESSMENT REPORT 14619 INFO CLASS 3
LOCATION: LAT. 49 21.0 LONG. 120 1.2 NTS: 92H/ 8E
CLAIMS: MALI 10 FR., MALI 21-22
OPERATOR: MASCOT GOLD MINES
AUTHOR: SIMPSON, R.
DESCRIPTION: THE MALI 21 AND 22 CLAIMS ARE UNDERLAIN BY MID-JURASSIC AGE SIMILKAMEEN GRANODIORITE WHICH TRUNCATES LOWER JURASSIC AGE HEDLEY GRANODIORITE SILLS AND DYKES AND INTRUDES THE UPPER TRIASSIC AGE NICOLA GROUP. THE NICOLA GROUP CONSISTS OF VOLCANIC FLOWS UNDERLAIN BY THINLY BEDDED

CARBONATES AND GRAPHITIC TUFFS OF THE HEDLEY FORMATION AND MASSIVE LIMESTONE OF THE SUNNYSIDE FORMATION. THE MALI 10 CLAIM IS UNDERLAIN BY A THICK TERTIARY AGE DEBRIS-FLOW BRECCIA WHICH OVERLIES THE NICOLA GROUP PORPHYRITIC ANDESITES.
WORK DONE: DIAD 270.7 M;3 HOLES,NQ
PERD 196.6 M;2 HOLES
SAMP 123;AU
REFERENCES: A.R. 8787,10196,12704,13474,13475,14541,14619

NICKEL PLATE

MINING DIV: OSOYOOS ASSESSMENT REPORT 14493 INFO CLASS 4
LOCATION: LAT. 49 23.1 LONG. 120 0.8 NTS: 92H/ 8E
CLAIMS: NICKEL PLATE FR
OPERATOR: STEWART, R.
AUTHOR: MCKNIGHT, R.
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY TRIASSIC AGE HENRY CREEK FORMATION ARGILLITES. THE SOIL SURVEY RETURNED LOW VALUES.
WORK DONE: SOIL 9;MULTIELEMENT
PROS 1:1000
REFERENCES: A.R. 14493

RICE, BROWN, BOSTOCK, MILLS

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 14826 INFO CLASS 3
LOCATION: LAT. 49 16.5 LONG. 120 10.0 NTS: 92H/ 8E 92H/ 8W
CLAIMS: RICE 1, RICE 3, BROWN 1, BROWN 3, BOSTOCK 2-3, MILLS 3 HUME 1-2, GRUMPY
OPERATOR: PACIFIC SEADRIF
AUTHOR: KRAUSE, R. TIMMINS, W.
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY UPPER TRIASSIC AGE NICOLA GROUP VOLCANICS, SEDIMENTS AND SCHISTS, AND BY JURASSIC AGE COAST INTRUSIVES. THE DRILL HOLES INTERSECTED VOLCANIC TUFFS WITH ZONES OF SILICIFICATION.
WORK DONE: DIAD 489.2 M;5 HOLES,NQ
ROAD 16.5 KM
REFERENCES: A.R. 13579,14826

SAM

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 14354 INFO CLASS 4
LOCATION: LAT. 49 22.0 LONG. 120 8.2 NTS: 92H/ 8E
CLAIMS: SAM FR.
OPERATOR: SOUTHERN INTERIOR
AUTHOR: MCKNIGHT, R.
DESCRIPTION: IT IS INFERRED THAT THE CLAIM IS UNDERLAIN BY TRIASSIC SEDIMENTS OR METASEDIMENTS LOCALLY CUT BY DYKES. A SINGLE ANOMALOUS SAMPLE CONTAINED 290 PPB GOLD.
WORK DONE: SOIL 6;MULTIELEMENT
ROCK 2;MULTIELEMENT
PROS 1:5000
REFERENCES: A.R. 14354

STONE

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 14946 INFO CLASS 4
LOCATION: LAT. 49 22.2 LONG. 120 10.8 NTS: 92H/ 8E
CLAIMS: STONE 1-2
OPERATOR: SANFORD, M.
AUTHOR: SANFORD, M.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTH TRENDING UPPER TRIASSIC NICOLA GROUP SEDIMENTS AND VOLCANICS, AND GRANODIORITE COAST INTRUSIVES OF JURASSIC AGE.
WORK DONE: GEOL 1:10000
REFERENCES: A.R. 14946

URANUS FR., MIKE FR., PINE KNOT FR.

MINING DIV: OSOYOOS ASSESSMENT REPORT 14813 INFO CLASS 3
LOCATION: LAT. 49 21.5 LONG. 120 8.0 NTS: 92H/ 8E
CLAIMS: URANUS FR., MIKE FR., PINE KNOT FR.
OPERATOR: SOUTHERN INTERIOR
AUTHOR: MCKNIGHT, R.
DESCRIPTION: THE AREA IS UNDERLAIN BY UNDIVIDED TRIASSIC AGE SEDIMENTARY AND METASEDIMENTARY ROCKS CONSISTING IN PART OF GREYWACKES, ARGILLITES AND LIMESTONES. A LINEAR, NORTH-TRENDING MAGNETIC FEATURE WAS OUTLINED. ISOLATED MULTIELEMENT ANOMALIES OCCUR IN SILT
WORK DONE: MAGG 13.6 KM
SOIL 16;MULTIELEMENT
SILT 37;MULTIELEMENT
ROCK 4;MULTIELEMENT

REFERENCES: A.R. 14813

ZANDU

MINING DIV: OSOYOOS ASSESSMENT REPORT 15087 INFO CLASS 4
LOCATION: LAT. 49 24.0 LONG. 120 4.0 NTS: 92H/ 8E
CLAIMS: ZANDU, YETI
OPERATOR: CARLIN RES.
AUTHOR: DISPIRITO, F. HULME, N.
DESCRIPTION: MESOZOIC SEDIMENTS AND VOLCANICS ARE INTRUDED BY DIORITE DYKES AND SILLS AND JURASSIC GRANODIORITE AND DIORITE. SEDIMENTS INCLUDE LIMESTONE, QUARTZITE, ARGILLITE, CONGLOMERATE, BRECCIA AND TUFF OF THE HEDLEY FORMATION. THE ROCKS STRIKE NORTHERLY AND DIP TO THE WEST. ARGILLITE AND IMPURE LIMESTONE OF THE HENRY FORMATION AND ANDESITE AND BASALT OF THE WOLFE CREEK FORMATION ARE ALSO PRESENT. MINERALIZATION IS PRESENT MAINLY AS DISSEMINATIONS, BLEBS, AND FRACTURE FILLINGS OF PYRITE, PYRRHOTITE AND RARE ARSENOPYRITE. RARE QUARTZ VEINS IN GRANODIORITE ARE MINERALIZED WITH GALENA.
WORK DONE: GEOL 1:5000
ROCK 50;MULTIELEMENT
REFERENCES: A.R. 14321,15087

BUD

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 15022 INFO CLASS 3
LOCATION: LAT. 49 26.6 LONG. 120 25.5 NTS: 92H/ 8W
CLAIMS: BUD 522-525
OPERATOR: SEADRIFT INT. EX.
AUTHOR: HOPPER, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP VOLCANIC AND SEDIMENTARY ROCKS INTRUDED BY COEVAL DIORITIC TO SYENITIC INTRUSIVES. ANOMALOUS MULTIELEMENT SOIL VALUES WERE IDENTIFIED.
WORK DONE: SOIL 166;MULTIELEMENT
LINE 7.4 KM
REFERENCES: A.R. 1867,2329,12736,15022

SPENHO

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 15141 INFO CLASS 2
LOCATION: LAT. 49 18.0 LONG. 120 20.0 NTS: 92H/ 8W
CLAIMS: SPENHO 1-2
OPERATOR: TICKER TAPE RES.
AUTHOR: MARK, D.
DESCRIPTION: THE PROPERTY IS MAINLY UNDERLAIN BY UPPER CRETACEOUS OTTER INTRUSIVES. THE NORTHERN AREA OF THE PROPERTY IS UNDERLAIN BY A CAPPING OF TERTIARY VOLCANICS. UPPER TRIASSIC NICOLA GROUP VOLCANICS AND SEDIMENTS MAY OCCUR ALONG THE EASTERN BOUNDARY OR WITHIN THE CLAIM GROUP THOUGH NONE WERE MAPPED. SOME EASTERLY AND NORTHERLY-TRENDING FAULTING IS EVIDENT. NO KNOWN MINERALIZATION OR ALTERATION WAS OBSERVED. GEOPHYSICAL SURVEY RESULTS INDICATE MAINLY GEOLOGICAL STRUCTURES. THREE GEOCHEMICAL ANOMALIES WARRANT FOLLOW-UP WORK.
WORK DONE: GEOL 1:10000
MAGG 52.8 KM
EMGR 50.4 KM;VLF
SOIL 557;PB,ZN,AG,CU
REFERENCES: A.R. 12461,15141

CR

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 14804 INFO CLASS 3
LOCATION: LAT. 49 33.0 LONG. 120 23.5 NTS: 92H/ 9W
CLAIMS: CR 3
OPERATOR: SUBURBAN RES.
AUTHOR: JANES, R.
DESCRIPTION: THE CLAIMS LIE ON THE EDGE OF A MAJOR GRANITIC INTRUSION, THE PENNASK BATHOLITH OF MIDDLE JURASSIC AGE. THREE COEVAL STOCKS FORM THIS INTRUSION. THE OKANAGAN STOCK COMPRISES THE SOUTHERN LOBE. IT IS A COMPOSITE INTRUSIVE, PREDOMINANTLY GRANODIORITE AND LEUCOGRANITE WHICH HOSTS THE GRANITIC OTTER INTRUSIONS OF LATE CRETACEOUS OR TERTIARY AGE AND LATER ANDESITIC AND FELSIC DYKES, FEEDERS FOR THE PRINCETON GROUP VOLCANICS. PRESENCE OF BRECCIA, HYDROTHERMAL ALTERATION AND DISSEMINATED CRYSTALLINE PYRITE INDICATE POSSIBLE PORPHYRY TYPE MINERALIZATION.
WORK DONE: DIAD 349.8 M;3 HOLES,AQ
SAMP 43;AU,AG,MO,W,CU
REFERENCES: A.R. 14804

LUCKY STRIKE

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 15237 INFO CLASS 4
LOCATION: LAT. 49 32.4 LONG. 120 25.9 NTS: 92H/ 9W
CLAIMS: LUCKY
OPERATOR: PETO, P.
AUTHOR: PETO, P.
COMMODITIES: GOLD, COPPER
DESCRIPTION: THE CLAIM IS UNDERLAIN BY ALTERED DACITES AND ANDESITES OF THE UPPER TRIASSIC NICOLA GROUP. SMALL AMOUNTS OF CHALCOPYRITE, BORNITE AND PYRITE CARRY GOLD VALUES. GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: EMGR 4.5 KM;VLF
REFERENCES: A.R. 318,6292,7476,8600,15237
M.I. 092HNE024-LUCKY STRIKE

RUM

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 15007 INFO CLASS 4
LOCATION: LAT. 49 44.4 LONG. 120 31.7 NTS: 92H/10E
CLAIMS: COKE 2-6
OPERATOR: PETO, P.
AUTHOR: PETO, P.
COMMODITIES: COPPER, IRON
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A MICRODIORITE SILL WHICH INTRUDES UPPER TRIASSIC NICOLA GROUP VOLCANIC FLOWS AND VOLCANICLASTICS. GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: EMGR 5.0 KM;VLF
ROAD 2.0 KM
REFERENCES: A.R. 14304,15007
M.I. 092HNE099-RUM

COUSIN JACK, SPOKANE, RED BIRD, MORNING (L.265)

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 15315 INFO CLASS 1
LOCATION: LAT. 49 34.4 LONG. 120 49.0 NTS: 92H/10W
CLAIMS: BOULDER 1-2, RABBITT 1-4, NERO, DEER
OPERATOR: ABERMIN
AUTHOR: MCARTHUR, G.
COMMODITIES: LEAD, ZINC, GOLD, SILVER, COPPER
DESCRIPTION: UPPER TRIASSIC NICOLA GROUP ANDESITE-RHYOLITE AND SEDIMENTARY ROCKS ARE INTRUDED BY JURASSIC DYKES AND PORPHYRIES. NORTHWEST STRIKING SCHISTOSE SHEAR ZONES OCCUR ADJACENT TO THE INTRUSIVES. THE SHEAR ZONES CONTAIN CONCORDANT AND DISCORDANT QUARTZ

QUARTZ VEINS WITH PYRITE, SPHALERITE AND GALENA MINERALIZATION. ANOMALOUS GEOCHEMICAL AND GEOPHYSICAL RESULTS WERE OBTAINED.

WORK DONE: GEOL 1:5000
MAGG 70.5 KM
EMGR 70.5 KM;VLF
SOIL 3158;CU,PB,ZN,AG,AU
ROCK 123;CU,PB,ZN,AG,AU
LINE 79.5 KM

REFERENCES: A.R. 944,1156,1651,3397,3398,7064,7159,7710,7944, 8411,9902,10266,01777,13396,14098,14158,15315
M.I. 092HNE018-COUSIN JACK;092HNE019-SPOKANE; 092HNE020-RED BIRD;092HNE122-MORNING (L.265)

GRASSHOPPER MOUNTAIN, BONANZA

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 14448 INFO CLASS 3
LOCATION: LAT. 49 32.2 LONG. 120 53.6 NTS: 92H/10W
CLAIMS: GRASSHOPPER 1-2
OPERATOR: MONICA RES.
AUTHOR: PAWLIUK, D.
COMMODITIES: PLATINUM, CHROMIUM, COPPER
DESCRIPTION: THE CLAIM GROUP IS GENERALLY UNDERLAIN BY UPPER TRIASSIC AGE NICOLA GROUP METAVOLCANICS AND METASEDIMENTS. THESE ROCKS ARE INTRUDED BY THE ZONED TULAMEEN ULTRAMAFIC COMPLEX IN THE WESTERN PROPERTY AREAS. THE SURVEYS IDENTIFIED A LINEAR VLF-ELECTROMAGNETIC CONDUCTOR AND SEVERAL ANOMALOUS MULTIELEMENT SOIL VALUES.

WORK DONE: GEOL 1:5000
EMGR 6.0 KM;VLF
SOIL 179;MULTIELEMENT
ROCK 46;MULTIELEMENT
LINE 7.0 KM

REFERENCES: A.R. 7944,10063,14448
M.I. 092HNE011-GRASSHOPPER MOUNTAIN;092HNE012-BONANZA

MURPHY, SHELLEY

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 14717 INFO CLASS 3
LOCATION: LAT. 49 34.0 LONG. 120 54.0 NTS: 92H/10W
CLAIMS: MURPHY, SHELLEY
OPERATOR: GOLDWEST RES.
AUTHOR: PAWLIUK, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC AGE NICOLA GROUP SCHISTOSE SEDIMENTS WHICH CONTAIN

NUMEROUS LIMESTONE SEAMS. THE EAGLE GRANODIORITE WITH ASSOCIATED DYKES AND SILLS OF FELDSPAR PORPHYRY AND APLITE INTRUDE THE METASEDIMENTS. SEVERAL COINCIDENT ELECTROMAGNETIC CONDUCTORS AND MAGNETIC ANOMALIES OCCUR. THE SOIL SURVEY CONFIRMED PREVIOUS RESULTS.

WORK DONE: MAGG 5.7 KM
EMGR 6.3 KM;VLF
SOIL 14;CU,PB,ZN,AG,AS,AU
LINE 6.2 KM

REFERENCES: A.R. 14717

AURA

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 14362 INFO CLASS 4
LOCATION: LAT. 49 30.4 LONG. 121 2.2 NTS: 92H/11E
CLAIMS: AURA 2
OPERATOR: MINEQUEST EX. ASSOC.
AUTHOR: GOURLAY, A.
DESCRIPTION: A MAJOR, TRANSCURRENT FAULT SEPARATES JURASSIC-CRETACEOUS EAGLE GRANODIORITE AND CRETACEOUS PASAYTEN GROUP SEDIMENTS ON THE SOUTHWEST FROM TERTIARY LITHIC TUFFS ON THE NORTHEAST. THE SOIL SURVEY RETURNED NEGLIGIBLE RESULTS.
WORK DONE: SOIL 9;AU,AG,AS
REFERENCES: A.R. 10868,14362

AU

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 15018 INFO CLASS 4
LOCATION: LAT. 49 33.0 LONG. 121 25.0 NTS: 92H/11W
CLAIMS: AU 1
OPERATOR: WEST NORSE RES.
AUTHOR: WARREN, D.
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY GRANITE, DIORITE AND GNEISS OF UNDETERMINED AGE.
WORK DONE: REST 4.2 KM
REFERENCES: A.R. 12229,14298,15018

STEEP

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 15108 INFO CLASS 4
LOCATION: LAT. 49 31.0 LONG. 121 19.0 NTS: 92H/11W
CLAIMS: STEEP 1
OPERATOR: TOR-WEST EX.
AUTHOR: BALL, M.
DESCRIPTION: THE CLAIM IS SITUATED ON THE WESTERN MARGIN OF THE HOZAMEEN FAULT ZONE. MOST OUTCROPS ARE GREENSTONE, CHERT AND LOCALLY DIORITE OF THE HOZAMEEN GROUP (EARLY TRIASSIC). OUTCROPS OF QUARTZ-CARBONATE-MARIPOSITE ARE INTERPRETED TO BE ALTERATION PRODUCT OF SERPENTINITE THAT POSSIBLY HOSTS GOLD MINERALIZATION.
WORK DONE: PROS 1:5000
REFERENCES: A.R. 15108

OX, NI

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 15271 INFO CLASS 4
LOCATION: LAT. 49 30.5 LONG. 121 37.8 NTS: 92H/12E
CLAIMS: SCUZZY 1, SCUZZY 3, SCRUNGY 1-3
OPERATOR: RADCLIFFE RES.
AUTHOR: NOWAK, D.
COMMODITIES: IRON, COPPER, NICKEL, GOLD, SILVER
DESCRIPTION: THE CLAIMS ARE SITUATED ON A COPPER-PRECIOUS METAL SKARN SHOWING AT A DIORITE-METASEDIMENTARY CONTACT.
WORK DONE: GEOL 1:15840,1:500
SOIL 7;MULTIELEMENT
ROCK 6;MULTIELEMENT
REFERENCES: A.R. 2469,2583,2801,3155,3280,3356,3442,3614,3615, 3901,3956,4070,4071,4536,5527,13868,15271
M.I. 092HNW041-OX;092HNW042-NI

DAY DAWN

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14921 INFO CLASS 4
LOCATION: LAT. 49 34.7 LONG. 121 49.1 NTS: 92H/12W
CLAIMS: DAY DAWN
OPERATOR: LOGAN, J.
AUTHOR: LOGAN, J.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY PENNSYLVANIAN AGE CHILLIWACK GROUP METASEDIMENTS AND METAVOLCANICS. A PYRITIC QUARTZ VEIN OCCURS ALONG BEDDING PLANES.
WORK DONE: ROCK 3;MULTIELEMENT
PROS 1:2500
REFERENCES: A.R. 11013,14921

DUNLAP, CRAWFORD

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14922 INFO CLASS 4
LOCATION: LAT. 49 33.5 LONG. 121 48.0 NTS: 92H/12W
CLAIMS: JAMES MCKENZIE, JOHN LOUGHEED, CECIL DUNLAP
ALEX CRAWFORD, WM. ALEXANDER
OPERATOR: LOGAN, J.
AUTHOR: LOGAN, J.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PENNSYLVANIAN AGE CHILLIWACK GROUP METASEDIMENTS THAT HAVE BEEN LOCALLY HORNFELSED.
WORK DONE: GEOL 1:7143
SOIL 10;AU,AG,AS,PB,ZN
ROCK 5;AU,AG,CU,AS
REFERENCES: A.R. 11012,12147,14922

GOLD STAR

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14898 INFO CLASS 3
LOCATION: LAT. 49 39.0 LONG. 121 55.5 NTS: 92H/12W
CLAIMS: GOLD STAR II
OPERATOR: EQUUS PETR.
AUTHOR: ARNOLD, R.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY DEFORMED SUPRACRUSTAL VOLCANIC AND SEDIMENTARY ROCKS OF THE PENNSYLVANIAN TO PERMIAN AGE CHILLIWACK GROUP, STRONGLY FOLIATED GNEISSIC ROCKS AND YOUNGER INTRUSIVE ROCKS. A SOUTHEASTERLY STRIKING, NORTHEASTERLY DIPPING FOLIATION IS PRESENT. MINERALIZATION CONSISTS MAINLY OF PYRITE AND POSSIBLE PYRRHOTITE.
WORK DONE: GEOL 1:5882
FOTO 1:13157
MAGG 1.8 KM
SOIL 94;CU,PB,MO,AG,AU,AS
REFERENCES: A.R. 11689,12384,14898

NAGY

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14625 INFO CLASS 3
LOCATION: LAT. 49 38.9 LONG. 121 59.0 NTS: 92H/12W
CLAIMS: NAGY C
OPERATOR: HERITAGE PETR.
AUTHOR: SMITH, F.
COMMODITIES: GOLD, SILVER
DESCRIPTION: A SERIES OF 5 DIORITE-QUARTZ DIORITE PLUTONS OF TERTIARY AGE INTRUDE JURASSIC-CRETACEOUS VOLCANIC AND SEDIMENTARY ROCKS. THE SIZE OF THE PLUTONS

	VARIES FROM 100 METRES TO OVER 1 KILOMETRE IN DIAMETRE. THERE ARE NUMEROUS EPITHERMAL, GOLD-SILVER BEARING, QUARTZ-SULPHIDE VEINS WITHIN AND ADJACENT TO THE STOCKS. ARSENOPYRITE IS A COMMON VEIN-FILL SULPHIDE AND GOLD CONTENT IS ERRATIC. VEINS VARY IN WIDTH FROM 0.5 CENTIMETRES TO 0.5 METRES.
WORK DONE:	DIAD 517.6 M;8 HOLES,NQ SAMP 133;MULTIELEMENT ROAD 1.0 KM
REFERENCES:	A.R. 14625 M.I. 092HNW071-NAGY BCMEMPR PAPER 83-1, PP. 55-61; 84-1, PP.55-61

SPECIAL

MINING DIV:	NEW WESTMINSTER ASSESSMENT REPORT 14754 INFO CLASS 3
LOCATION:	LAT. 49 59.0 LONG. 121 31.0 NTS: 92H/13E 92I/ 4E
CLAIMS:	RYAN 1-4, SPECIAL 10
OPERATOR:	SMM ENT.
AUTHOR:	CURTIS, P.
DESCRIPTION:	THE PROPERTY IS UNDERLAIN BY METASEDIMENTS AND METAVOLCANICS OF MESOZOIC AGE AND THE FRASER-STRAIGHT CREEK FAULT NEAR ITS JUNCTION WITH THE HOZAMEEN FAULT. THE GEOCHEMICAL SURVEY RESULTS INDICATE A ZONE OF ANOMALOUS VALUES OF. GOLD AND ARSENIC IN SOIL.
WORK DONE:	SOIL 193;MULTIELEMENT SAMP 3;AG,AU
REFERENCES:	A.R. 12708,14754

AIDA

MINING DIV:	NICOLA ASSESSMENT REPORT 14204 INFO CLASS 3
LOCATION:	LAT. 49 45.0 LONG. 120 37.5 NTS: 92H/15E
CLAIMS:	AIDA 1-4
OPERATOR:	WEST-MAR RES.
AUTHOR:	WOOD, D.
DESCRIPTION:	MINOR SILVER MINERALIZATION OCCURS WITH VUGGY QUARTZ VEINS IN NORTH-STRIKING SHEAR ZONES. ROCK UNITS INCLUDE JURASSIC AGE DIORITE AND GRANODIORITE. DISSEMINATED PYRITE AND MINOR CHALCOPYRITE ARE ALSO PRESENT. GEOCHEMICAL SURVEY RESULTS SUGGEST THAT SILVER-LEAD-ZINC IS ASSOCIATED WITH NORTH-STRIKING SHEAR ZONE APPROXIMATELY 0.5 KM LONG.
WORK DONE:	SOIL 224;AG,AS,CU,PB,ZN

ROCK 2;AG,AS,CU,PB,ZN
LINE 11.5 KM
REFERENCES: A.R. 4994,5081,5082,5507,13603,14204

GOLDEN SOVEREIGN

MINING DIV: NICOLA ASSESSMENT REPORT 14983 INFO CLASS 3
LOCATION: LAT. 49 58.6 LONG. 120 34.5 NTS: 92H/15E
CLAIMS: SNOWFLAKE 7, SNOWFLAKE 10
OPERATOR: LORNEX MIN.
AUTHOR: CARTWRIGHT, P. CORMIER, M.
COMMODITIES: COPPER, GOLD, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY WEST DIPPING UPPER TRIASSIC NICOLA GROUP PORPHYRITIC BASALT FLOWS AND TUFFS WHICH OVERLIE VOLCANIC SANDSTONE, CONGLOMERATE AND ARGILLITE. THESE UNITS ARE INTRUDED BY A COEVAL MONZONITE STOCK. MINERALIZATION OCCURS AS FRACTURE CONTROLLED QUARTZ-CARBONATE-CHALCOPYRITE-PYRITE VEINLETS WITHIN A VOLCANIC CONGLOMERATE. DRILLING RESULTS INTERSECTED MINERALIZATION WHICH AVERAGED 4.5 GRAMMES/TONNE GOLD, 21.9 GRAMMES/TONNE SILVER AND 2.1 PER CENT COPPER ALONG 2.0 METRES OF DRILL CORE.
WORK DONE: IPOL 11.8 KM
DIAD 576.7 M;6 HOLES,NQ
SAMP 99;AU,AG,CU
LINE 11.8 KM
REFERENCES: A.R. 250,3115,5875,6260,6837,7122,7365,9386,11376,12113,13714,14983
M.I. 092HNE072-GOLDEN SOVEREIGN

TC

MINING DIV: SIMILKAMEEN ASSESSMENT REPORT 14989 INFO CLASS 3
LOCATION: LAT. 49 46.4 LONG. 120 8.0 NTS: 92H/16E
CLAIMS: SPRING 3
OPERATOR: BOOMER RES.
AUTHOR: BURTON, A.
COMMODITIES: COPPER, ZINC
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY INTRUSIVE ROCKS RANGING IN COMPOSITION FROM GRANITE TO DIORITE. THE DRILL PROGRAM TESTED A CLAY ALTERATION ZONE WHICH RETURNED 1.6 PER CENT ZINC.
WORK DONE: DIAD 137.2 M;3 HOLES,NQ
SAMP 41;AU,AG,PB,ZN,CU
REFERENCES: A.R. 3643,4335,10108,14989

M.I. 092HNE108-TC

ASHCROFT 92I

BRUCE

MINING DIV: NICOLA ASSESSMENT REPORT 15232 INFO CLASS 3
LOCATION: LAT. 50 8.2 LONG. 120 22.0 NTS: 92I/ 1W
CLAIMS: BRUCE 1-4
OPERATOR: IMPERIAL METALS
AUTHOR: PESALJ, R.
COMMODITIES: COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP VOLCANICS CONSISTING OF MASSIVE ANDESITIC FLOWS AND COARSE PYROCLASTICS. MINERALIZATION CONSISTS OF CHALCOPYRITE BEARING QUARTZ VEINS CONTROLLED BY A NORTH STRIKING FRACTURE SYSTEM. DRILLING OF THE MINERALIZED ZONE ENCOUNTERED WEAK CHALCOPYRITE MINERALIZATION AT DEPTH.
WORK DONE: GEOL 1:2500
SOIL 143;MULTIELEMENT
ROCK 17;MULTIELEMENT
DIAD 182.9 M;2 HOLES,NQ
SAMP 47;MULTIELEMENT
REFERENCES: A.R. 15232
M.I. 092ISE208-BRUCE

CHATKO

MINING DIV: NICOLA ASSESSMENT REPORT 15100 INFO CLASS 4
LOCATION: LAT. 50 4.6 LONG. 120 44.4 NTS: 92I/ 2E
CLAIMS: S.S.
OPERATOR: TAMARA RES.
AUTHOR: KRUECKL, G.
COMMODITIES: COPPER, IRON
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY A SEQUENCE OF ANDESITIC TO RHYOLITIC FLOWS AND FRAGMENTAL ROCKS WITH INTERCALATED LIMESTONE HORIZONS OF THE UPPER TRIASSIC AGE NICOLA GROUP. MINERALIZATION CONSISTS OF MASSIVE AND DISSEMINATED MAGNETITE WITH VEINS OF CHALCOPYRITE AND HEMATITE WHICH OCCUR IN A SKARN TYPE ENVIRONMENT. GEOPHYSICAL SURVEY RESULTS WERE INCONCLUSIVE.

WORK DONE: MAGG 4.3 KM
LINE 4.3 KM
REFERENCES: A.R. 279,2112,6356,6919,15100
M.I. 092ISE130-CHATKO

HARRY

MINING DIV: NICOLA ASSESSMENT REPORT 15003 INFO CLASS 3
LOCATION: LAT. 50 16.1 LONG. 120 43.5 NTS: 92I/ 2E 92I/ 7E
CLAIMS: HARRY, HARRY 2
OPERATOR: DECADE INT. DEV.
AUTHOR: JONES, H.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP ROCKS CONSISTING OF PORPHYRITIC ANDESITES, AMYGDALOIDAL FLOWS AND BRECCIAS. SEVERAL VLF ELECTROMAGNETIC CONDUCTORS WERE IDENTIFIED FROM THE GEOPHYSICAL SURVEY.
WORK DONE: EMGR 16.7 KM;VLF
LINE 18.7 KM
REFERENCES: A.R. 15003

KWOIEK

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14604 INFO CLASS 4
LOCATION: LAT. 50 7.6 LONG. 121 43.7 NTS: 92I/ 4E
CLAIMS: KWOIEK #3
OPERATOR: JMT SERVICES
AUTHOR: RICHARDS, G.
DESCRIPTION: ANOMALOUS GOLD VALUES IN ROCKS AND SOILS OCCUR ALONG AND ADJACENT TO A NORTHWEST TRENDING FAULT. NUMEROUS BODIES OF TALC SCHISTS AND SERPENTITE LIE WITHIN THE FAULT ZONE.
WORK DONE: SOIL 52;AU,AS,AG,CU,PB,ZN
ROCK 12;AU,AS,AG,CU,PB,ZN
PROS 1:2500
REFERENCES: A.R. 10873,11699,13599,14604

LUCY

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 15012 INFO CLASS 4
LOCATION: LAT. 50 3.0 LONG. 121 41.0 NTS: 92I/ 4E
CLAIMS: LUCY
OPERATOR: KERR ADDISON MINES
AUTHOR: DALEY, F.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY WEAKLY PYRITIC

NORTHWEST STRIKING BLACK PHYLLITES OF MESOZOIC AGE. A FAULT-SHEAR ZONE STRIKES NORTHEAST ACROSS THE PHYLLITES HOSTING A QUARTZ VEINLET STOCKWORK WITH PYRITE AND ARSENOPYRITE MINERALIZATION. GOLD VALUES TO 1850 PPB ARE ASSOCIATED WITH THIS STOCKWORK ZONE.

WORK DONE: GEOL 1:5000
ROCK 15;AU,AS
REFERENCES: A.R. 15012

PAYSTREAK

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15360 INFO CLASS 2
LOCATION: LAT. 50 5.9 LONG. 121 41.3 NTS: 92I/ 4E
CLAIMS: RANDI 1-2
OPERATOR: GOLDSMITH, L.
AUTHOR: KALLOCK, P.
COMMODITIES: SILVER, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A NORTHWEST TRENDING JURASSIC SERPENTINITE BELT WITH NUMEROUS IRREGULAR ZONES OF TALC-TREMOLITE-ANKERITE ALTERATION. ADJACENT TO THE SERPENTINITE BELT BUT LYING WHOLLY WITHIN STEEPLY DIPPING, NORTHWEST STRIKING JURASSIC LADNER GROUP PHYLLITE ARE GOLD AND SILVER BEARING (TETRAHEDRITE) QUARTZ VEINS. GEOCHEMICAL AND GEOPHYSICAL SURVEYS RETURNED ANOMALOUS RESULTS.
WORK DONE: GEOL 1:2500
MAGG 42.8 KM
EMGR 42.8 KM;VLF
SOIL 931;AU,AG,AS
ROCK 36;AU,AG,AS
REFERENCES: A.R. 8606,9756,13210,15360
M.I. 092ISW054-PAYSTREAK

GREEN, GLACIER

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15311 INFO CLASS 4
LOCATION: LAT. 50 9.6 LONG. 121 49.2 NTS: 92I/ 4W
CLAIMS: RAWHIDE 1-2
OPERATOR: CARDINAL, D.
AUTHOR: CARDINAL, D.
COMMODITIES: GOLD, SILVER, ASBESTOS
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY TRIASSIC PHYLLITES, ARGILLITES AND GREENSTONE SCHISTS WHICH HOST AURIFEROUS IRON-RICH SKARN. THE MINERALIZED ZONE STRIKES WEST-NORTHWEST AND DIPS STEEPLY TO THE

NORTH AND CONSISTS OF SILICIFIED ACTINOLITE-CHLORITE SCHIST CARRYING MAGNETITE, PYRRHOTITE, PYRITE AND ARSENOPYRITE. THE GEOPHYSICAL SURVEY IDENTIFIED SEVERAL VLF ELECTROMAGNETIC CONDUCTORS.
WORK DONE: GEOL 1:2000
EMGR 2.2 KM;VLF
ROCK 7;MULTIELEMENT
REFERENCES: A.R. 2536,6854,7455,9542,10680,14715,15311
M.I. 092ISW052-GREEN;092ISW053-GLACIER

GREEN GOLD

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14885 INFO CLASS 4
LOCATION: LAT. 50 9.8 LONG. 121 55.3 NTS: 92I/ 4W
CLAIMS: GREEN GOLD, GREEN GOLD 2
OPERATOR: WAGNER, M.
AUTHOR: HENNEBERRY, R.
COMMODITIES: JADE
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MESOZOIC AGE PERIDOTITES AND METAMORPHOSED SEDIMENTS WHICH HAVE BEEN INTRUDED BY A LATE CRETACEOUS AGE GRANODIORITE. SMALL BODIES (10 BY 10 METRES) OF VESUVIANITE ARE ASSOCIATED WITH THE PERIDOTITE INTRUSIONS.
WORK DONE: GEOL 1:10000
ROCK 9;AU,AG,PB,ZN,MO
REFERENCES: A.R. 2528,14885
M.I. 092ISW029-GREEN GOLD

RAWHIDE

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14715 INFO CLASS 4
LOCATION: LAT. 50 9.5 LONG. 121 50.0 NTS: 92I/ 4W
CLAIMS: RAWHIDE 1-2, RAWHIDE 4
OPERATOR: CARDINAL, D.
AUTHOR: CARDINAL, D.
DESCRIPTION: THREE ROCK TYPES WERE ENCOUNTERED ON THE PROPERTY AND CONSISTED OF SERPENTINE, VOLCANIC GREENSTONE AND SILTSTONE/ARGILLITE (AGE?). SOME MINERALIZED QUARTZ VEINS WERE NOTED AT OLD WORKINGS WHICH CONSISTED OF PYRITE, PYRRHOTITE AND ARSENOPYRITE WITH SOME VISIBLE GOLD.
WORK DONE: PROS 1:5000
REFERENCES: A.R. 6854,7455,9542,10680,14715

BERTHA-MOLLY

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14959 INFO CLASS 3
LOCATION: LAT. 50 26.5 LONG. 120 42.6 NTS: 92I/ 7E
CLAIMS: WRT 1-6, WRT 9-16
OPERATOR: WESTERN RES.
AUTHOR: CROOKER, G. ROCKEL, E.
COMMODITIES: COPPER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP VOLCANICS. MINERALIZATION CONSISTING OF CHALCOPYRITE AND PYRITE OCCUR IN SHEAR AND FRACTURE ZONES. ANOMALOUS SOIL RESULTS AND GEOPHYSICAL SURVEY RESULTS REQUIRE FURTHER DEFINITION.
WORK DONE: MAGG 49.2 KM
EMGR 37.7 KM;VLF
IPOL 1.5 KM
SOIL 631;MULTIELEMENT
SILT 123;MULTIELEMENT
ROCK 28;MULTIELEMENT
LINE 38.5 KM
REFERENCES: A.R. 228,234,265,266,3668,3763,3764,14959
M.I. 092ISE012-BERTHA-MOLLY

BERTHA-MOLLY, JHC

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15060 INFO CLASS 2
LOCATION: LAT. 50 26.9 LONG. 120 41.7 NTS: 92I/ 7E
CLAIMS: WRT 1-6, WRT 9-16
OPERATOR: WESTERN RES. TECH.
AUTHOR: CROOKER, G. ROCKEL, E.
COMMODITIES: COPPER, LEAD, ZINC, GOLD, SILVER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY UPPER TRIASSIC NICOLA VOLCANIC ROCKS AND DERIVATIVES. SHEARS AND FRACTURES CONTAIN COPPER MINERALIZATION AND SILVER VALUES. QUARTZ-CARBONATE-MARIPOSITE ZONES ALSO OCCUR ON THE PROPERTY, WITH PRECIOUS METAL POTENTIAL.
WORK DONE: MAGG 49.2 KM
EMGR 37.7 KM;VLF
IPOL 1.5 KM
SOIL 631;MULTIELEMENT
SILT 123;MULTIELEMENT
ROCK 28;MULTIELEMENT
LINE 38.5 KM
REFERENCES: A.R. 265,266,3668,3763,3764,7268,8397,14959,15060
M.I. 092ISE012-BERTHA-MOLLY;092ISE147-JHC

FORD

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15134 INFO CLASS 4
LOCATION: LAT. 50 29.3 LONG. 120 44.1 NTS: 92I/ 7E
CLAIMS: FIR
OPERATOR: WIGGINS, J.
AUTHOR: TAYLOR, R.
COMMODITIES: GOLD, SILVER, COPPER
DESCRIPTION: CHALCOCITE AND BORNITE OCCUR IN AMYGDALOIDAL AND FRACTURED TOPS OF PORPHYORITIC NICOLA GROUP FLOW ROCKS WHICH DIP 30 DEGREES NORTHEAST. SOIL SAMPLE ANALYSIS RETURNED LOW VALUES OF GOLD AND SILVER.
WORK DONE: SOIL 30;AU,AG
SAMP 6;AU,AG,CU
PROS 1:4000
LINE 3.5 KM
REFERENCES: A.R. 2252,3778,4051,13792,15134
M.I. 092ISE009-FORD

IRENE

MINING DIV: NICOLA ASSESSMENT REPORT 15075 INFO CLASS 4
LOCATION: LAT. 50 18.0 LONG. 120 42.5 NTS: 92I/ 7E
CLAIMS: IRENE
OPERATOR: PACIFIC NORTHWEST
AUTHOR: KELLY, S.
DESCRIPTION: TRIASSIC NICOLA BEDS OF VOLCANIC AND SEDIMENTARY ROCKS ARE FOLDED INTO AN ASYMMETRICAL, SOUTH PLUNGING ANTICLINE AT SWAKUM MOUNTAIN. MINERAL DEPOSITS WITHIN THESE ROCKS RANGE FROM HIGH-TEMPERATURE CONTACT-METASOMATIC TO MEDIUM-TEMPERATURE HYDROTHERMAL VEINS OF SULPHIDES. THIS MINERALIZATION PRESUMABLY ORIGINATED FROM AN UNREVEALED IGNEOUS SOURCE UNDER SWAKUM MOUNTAIN.
WORK DONE: SOIL 99;AU
REFERENCES: A.R. 15075

OLD CORONA 1

MINING DIV: NICOLA ASSESSMENT REPORT 15312 INFO CLASS 3
LOCATION: LAT. 50 15.9 LONG. 120 42.8 NTS: 92I/ 7E
CLAIMS: SWAKUM 1-3, OLD CORONA 1-2, BOB 1-2, DAM, DAM TWO OLD COMPLEX 2-3
OPERATOR: LAROTH ENG.
AUTHOR: GEWARGIS, W.
COMMODITIES: LEAD, ZINC, COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC

INTERBEDDED VOLCANICS AND SEDIMENTS OF THE NICOLA GROUP. MINERALIZATION CONSISTS OF PYRITE, GALENA, SPHALERITE AND TETRAHEDRITE AND OCCURS IN QUARTZ-CARBONATE VEINS WITHIN ALTERED AND OXIDIZED ANDESITE. THE GEOPHYSICAL AND GEOCHEMICAL SURVEYS RETURNED ANOMALOUS RESULTS.

WORK DONE: GEOL 1:4000
MAGG 10.0 KM
EMGR 10.0 KM;VLF
SOIL 249;MULTIELEMENT
ROCK 5;MULTIELEMENT
LINE 29.1 KM
REFERENCES: A.R. 8053,9430,11483,15312
M.I. 092ISE104-OLD CORONA 1

REAKEL

MINING DIV: NICOLA ASSESSMENT REPORT 14661 INFO CLASS 4
LOCATION: LAT. 50 16.0 LONG. 120 38.5 NTS: 92I/ 7E
CLAIMS: REAKEL #2, REAKEL #5
OPERATOR: REA GOLD
AUTHOR: KELLY, S.
DESCRIPTION: INTERBEDDED SEDIMENTS AND VOLCANICS OF THE NICOLA FORMATION (UPPER TRIASSIC AGE) ARE INTRUDED BY THE CENTRAL NICOLA BATHOLITH (JURASSIC AGE) CONSISTING OF GRANODIORITE AND QUARTZ DIORITE. A LONG NORTH-SOUTH MAGNETIC ANOMALY LIES IN THE NICOLA ROCKS CLOSE TO THE INTRUSIVES.
WORK DONE: SOIL 499;CU,AG,PB,ZN,AU
REFERENCES: A.R. 2105,4503,14661

REY

MINING DIV: NICOLA ASSESSMENT REPORT 14841 INFO CLASS 3
LOCATION: LAT. 50 20.6 LONG. 120 42.8 NTS: 92I/ 7E
CLAIMS: REY, REY 1
OPERATOR: INT. SANTANA RES.
AUTHOR: KRAUSE, R.
COMMODITIES: COPPER, MOLYBDENUM
DESCRIPTION: NICOLA ROCKS OF TRIASSIC AGE ARE PREDOMINANTLY ANDESITIC WITH MINOR INTERCALATED SEDIMENTS AND LIMEY UNITS, AND ARE INTRUDED BY A BIOTITE QUARTZ MONZONITE PLUG. THERE ARE TWO MAJOR ASYMMETRICAL FOLDS AND A SYSTEM OF FAULTS. A DOMINANT NORTH-WESTERLY TRENDING FAULT FORMS A VALLEY.
WORK DONE: DIAD 746.0 M;3 HOLES,NQ

SAMP 430;CU,MO,AU
REFERENCES: A.R. 4846,5320,5658,14841
M.I. 092ISE160-REY

SOPHIA

MINING DIV: NICOLA ASSESSMENT REPORT 15318 INFO CLASS 4
LOCATION: LAT. 50 18.7 LONG. 120 43.6 NTS: 92I/ 7E
CLAIMS: SOPHIA
OPERATOR: BOITARD, C.
AUTHOR: LARUE, J. BOITARD, C.
COMMODITIES: LEAD, ZINC, COPPER
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP VOLCANICS AND TUFFS INTERCALATED WITH MINOR LIMESTONE, ARGILLITE AND CONGLOMERATES. THE NORTHERLY TRENDING NICOLA GROUP ROCKS ARE BOUND TO THE EAST AND WEST BY INTRUSIVES OF GRANITE COMPOSITION. GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: MAGG 4.2 KM
EMGR 4.2 KM;VLF
LINE 4.2 KM
REFERENCES: A.R. 6441,7031,7488,12386,15318
M.I. 092ISE197-SOPHIA

CLARKE, CLAP 14

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15203 INFO CLASS 4
LOCATION: LAT. 50 25.3 LONG. 120 58.6 NTS: 92I/ 7W
CLAIMS: GNAWED OREBODY, GNAWED BRECCIA
OPERATOR: ROBAK IND.
AUTHOR: GOWER, S.
COMMODITIES: COPPER, MOLYBDENUM
DESCRIPTION: JURASSIC GUICHON CREEK BATHOLITH AND SKEENA QUARTZ DIORITE ARE INTRUDED BY A TONGUE OF PORPHYRITIC BETHSAIDA GRANODIORITE. THE BETHSAIDA GRANODIORITE CONTAINS A SERIES OF BRECCIAS WHERE QUARTZ STOCKWORKS ARE MINERALIZED WITH CHALCOPYRITE AND MOLYBDENITE.
WORK DONE: GEOL 1:4800,1:200
SOIL 10;MULTIELEMENT
ROCK 18;CU,AG,AU,MO
REFERENCES: A.R. 247,1757,6054,6564,15203
M.I. 092ISE014-CLARKE;092ISE077-CLAP 14

ZONE 4

MINING DIV: NICOLA ASSESSMENT REPORT 14978 INFO CLASS 4
LOCATION: LAT. 50 20.1 LONG. 120 51.6 NTS: 92I/ 7W
CLAIMS: CHATAWAY I-A
OPERATOR: LEPINSKI, J.
AUTHOR: GOWER, S.
COMMODITIES: COPPER, SILVER, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY QUARTZ DIORITE OF THE TRIASSIC-JURASSIC GUICHON CREEK BATHOLITH. CHALCOPYRITE OCCURS IN A STRONG NORTH TRENDING SHEAR ZONE. GOLD AND SILVER VALUES APPEAR TO BE ASSOCIATED WITH THIS MINERALIZATION.
WORK DONE: SOIL 59;CU,AG,AU
SILT 2;CU,AG,AU
ROCK 19;CU,AG,AU
REFERENCES: A.R. 737,749,764,1790,4043,14978
M.I. 092ISE063-ZONE 4

CIG 100

MINING DIV: NICOLA ASSESSMENT REPORT 14785 INFO CLASS 3
LOCATION: LAT. 50 19.0 LONG. 120 20.0 NTS: 92I/ 8W
CLAIMS: CIG 100
OPERATOR: TIMES SQUARE ENERGY
AUTHOR: KURAN, V.
DESCRIPTION: QUARTZ VEIN STRUCTURES ARE ANOMALOUS IN GOLD, STRIKE NORTH-NORTHEAST TO NORTH-NORTHWEST IN NICOLA GROUP VOLCANIC ROCKS OF TRIASSIC AGE. OLD WORKINGS ARE LOCATED IN THE NORTHWEST CORNER OF THE PROPERTY. NO OTHER SHOWINGS WERE FOUND.
WORK DONE: GEOL 1:5000
EMGR 7.3 KM;VLF
SOIL 300;AG,AU
ROCK 20;AG,AU,CU
REFERENCES: A.R. 14785

NICOLA

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14213 INFO CLASS 3
LOCATION: LAT. 50 28.0 LONG. 120 23.0 NTS: 92I/ 8W
CLAIMS: NICOLA 1-4, NICOLA 7
OPERATOR: LIBERTY GOLD RES.
AUTHOR: WHITE, G.
DESCRIPTION: MIOCENE AGE VOLCANIC FLOWS OF THE KAMLOOPS GROUP CAP UPPER TRIASSIC AGE NICOLA GROUP ANDESITIC ROCKS AND COEVAL GRANITIC TO GABBROIC COAST

INTRUSIONS. A DEEP-PENETRATING PULSE ELECTROMAGNETOMETER SURVEY DETECTED A STRONG CONDUCTOR POSSIBLY REFLECTING AN EASTERLY PLUNGING PIPELIKE MASSIVE SULPHIDE ZONE.

WORK DONE: EMGR 46.0 KM;PULSE
REFERENCES: A.R. 13013,14213

REDBIRD

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14650 INFO CLASS 3
LOCATION: LAT. 50 23.8 LONG. 120 21.9 NTS: 92I/ 8W
CLAIMS: CIN, DY, MICROGOLD
OPERATOR: BP RES. CAN.
AUTHOR: GAMBLE, A. HOFFMAN, S.
COMMODITIES: FLUORITE
DESCRIPTION: TRIASSIC NICOLA ALKALINE VOLCANICLASTIC AND FLOW ROCKS WITH INTERCALATED MAROON POLYLITHIC CONGLOMERATE STRIKE NORTH-NORTHWEST AND DIP MODERATELY TO THE EAST. THE NICOLA ROCKS ARE UNCONFORMABLY OVERLAIN BY RELATIVELY FLAT LYING TERTIARY TO EOCENE KAMLOOPS GROUP BASALT FLOWS AND BRECCIAS AND BY A SMALL SEDIMENTARY BASIN-FILLED CONGLOMERATE TO SILTSTONE SEQUENCE. NORTHERLY AND EASTERLY TRENDING FAULTS AND FLAT-LYING TO VERTICAL SILICIFIED ZONES OF CHALCEDONY AND CHALCEDONIC BRECCIA CUT ALL ROCK TYPES. THE ZONES ARE UP TO 2.5 METRES THICK BY 100 METRES ALONG STRIKE, WITH CLAY, IRON OXIDE AND CARBONATE ALTERATION ENVELOPES.
WORK DONE: MAGG 62.0 KM
EMGR 4.0 KM;VLF
SOIL 688;MULTIELEMENT
LINE 77.7 KM
REFERENCES: A.R. 8062,11372,11397,14650
M.I. 092ISE179-REDBIRD

SACK

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14430 INFO CLASS 3
LOCATION: LAT. 50 23.5 LONG. 120 25.5 NTS: 92I/ 8W
CLAIMS: ANDERSON, ANDERSON 2-3
OPERATOR: GOLDBRAE DEV.
AUTHOR: WHITE, G.
COMMODITIES: MOLYBDENUM, COPPER, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP ANDESITE AND BASALT WITH THIN INTERBEDDED PYROCLASTIC AND SEDIMENTARY ROCKS, WHICH ARE INTRUDED BY JURASSIC AND LATER COAST INTRUSIONS.

COPPER-MOLYBDENUM MINERALIZATION OCCURS NEAR THE INTRUSIVE CONTACT. THE GEOPHYSICAL SURVEY HAS FURTHER DEFINED PREVIOUS SURVEY RESULTS IN ADDITION TO DETECTING FOUR NEW CONDUCTORS.

WORK DONE: EMGR 8.0 KM;PEM
LINE 10.0 KM
REFERENCES: A.R. 4322,4323,4976,60[illegible],8900,8989,9883,11083,13788,14430
M.I. 092ISE166-SACK

TRUMP

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15112 INFO CLASS 3
LOCATION: LAT. 50 22.8 LONG. 120 19.0 NTS: 92I/ 8W
CLAIMS: SPC 100-300
OPERATOR: SURINAM RES.
AUTHOR: HAINSWORTH, W.
COMMODITIES: COPPER, SILVER
DESCRIPTION: FLOW ROCKS OF THE NICOLA GROUP ABUT CACHE CREEK SEDIMENTARY AND IGNEOUS ROCKS WITH AN EAST-WEST CONTACT TRENDING ACROSS THE LOWER PART OF THE CLAIMS. STRUCTURALLY THE GROUP LIES WITHIN A SYNCLINE WHICH PLUNGES NORTH. EXPLORATION FOR COPPER WAS PROMINENT IN THE AREA A DECADE AGO BUT INVESTIGATION IS NOW FOR PRECIOUS METALS DUE TO THE PROXIMITY OF THE STUMP LAKE MINE WHICH PRODUCED CONCENTRATES CONTAINING PRECIOUS METALS IN ADDITION TO COPPER, LEAD AND ZINC.
WORK DONE: MAGG 18.4 KM
EMGR 20.5 KM
REFERENCES: A.R. 123,4165,11389,12727,13940,15112
M.I. 092ISE161-TRUMP

BEER

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14585 INFO CLASS 4
LOCATION: LAT. 50 36.0 LONG. 120 16.0 NTS: 92I/ 9W
CLAIMS: BEER 1
OPERATOR: WHOPPER HOLDINGS
AUTHOR: MURPHY, J.
DESCRIPTION: THE SHOWING CONSISTS OF A METRE WIDE QUARTZ-CARBONATE VEIN STRIKING 105 DEGREES, DIPPING 35 DEGREES SOUTHWEST. THE STRIKE LENGTH IS UNKNOWN. VEIN MINERALIZATION INCLUDES PYRITE, ARSENOPYRITE AND CHALCOPYRITE. HOST ROCKS ARE CACHE CREEK METASEDIMENTS OF MISSISSIPPIAN TO PERMIAN AGE INTRUDED BY FELSIC ROCKS OF THE IRON MASK AND

WILD HORSE MOUNTAIN BATHOLITHS.
WORK DONE: SOIL 9;MULTIELEMENT
REFERENCES: A.R. 5877,5878,14585

CHANCE

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14985 INFO CLASS 4
LOCATION: LAT. 50 34.8 LONG. 120 22.5 NTS: 92I/ 9W
CLAIMS: EDITH 100
OPERATOR: TECK
AUTHOR: BERGEY, W.
COMMODITIES: COPPER, LEAD, GOLD
DESCRIPTION: THE CLAIM IS UNDERLAIN BY NORTHWEST TRENDING ANDESITIC PYROCLASTICS OF THE UPPER TRIASSIC NICOLA GROUP, CUT BY A SMALL DIORITE STOCK. DISSEMINATED PYRITE, PYRRHOTITE AND CHALCOPYRITE OCCUR IN TUFFS AND QUARTZ VEINS. NO ANOMALOUS RESULTS WERE OBTAINED FROM THE SELF-POTENTIAL SURVEY.
WORK DONE: SPOT 2.7 KM
REST 2.7 KM
REFERENCES: A.R. 3714,3762,8043,9198,10037,14310,14985
M.I. 092INE101-CHANCE

CONSTANT

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15348 INFO CLASS 4
LOCATION: LAT. 50 36.3 LONG. 120 15.8 NTS: 92I/ 9W
CLAIMS: BEER 1
OPERATOR: WHOPPER HOLDINGS
AUTHOR: MORAAL, D.
COMMODITIES: GOLD, SILVER
DESCRIPTION: MINERALIZATION CONSISTING OF PYRITE, ARSENOPYRITE AND CHALCOPYRITE IN QUARTZ-CARBONATE VEINS OCCUR IN SHEAR ZONES IN PERMIAN-PENNSYLVANIAN CACHE CREEK GROUP SCHISTOSE METASEDIMENTS. GEOPHYSICAL SURVEY RESULTS IDENTIFIED A STRONG VLF-ELECTROMAGNETIC CONDUCTOR.
WORK DONE: EMGR 4.2 KM;VLF
REFERENCES: A.R. 5877,5878,14585,15348
M.I. 092INE102-CONSTANT

HILLTOP

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15118 INFO CLASS 3
LOCATION: LAT. 50 43.7 LONG. 120 24.6 NTS: 92I/ 9W
CLAIMS: PIT
OPERATOR: LARCH RES.
AUTHOR: LEIGHTON, D.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE CLAIM IS UNDERLAIN BY LIMY PHYLLITES AND META-SEDIMENTS WHICH HAVE BEEN CUT BY A NORTHWEST TRENDING, STEEPLY DIPPING QUARTZ VEIN CARRYING GOLD AND SILVER VALUES. NO NEW ANOMALOUS SOIL ZONES WERE FOUND.
WORK DONE: SOIL 204;AG,AS,HG,AU
REFERENCES: A.R. 16,4456,11352,15118
M.I. 092INE097-HILLTOP

KIM

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14884 INFO CLASS 3
LOCATION: LAT. 50 37.5 LONG. 120 21.4 NTS: 92I/ 9W
CLAIMS: KIM
OPERATOR: TECK
AUTHOR: LOVANG, G.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY THE UPPER TRIASSIC CHERRY CREEK ROCKS IN CONTACT WITH THE IRON MASK HYBRID ROCKS TO THE NORTHEAST AND PRESUMABLY TO THE SOUTHWEST. BOTH CONTACTS TREND NORTHWESTERLY. SEVERAL WEAK TO MODERATE VLF ELECTROMAGNETIC CONDUCTORS OCCUR.
WORK DONE: EMGR 10.7 KM;VLF
SOIL 148;CU,HG
REFERENCES: A.R. 14884

SUNNY

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14970 INFO CLASS 3
LOCATION: LAT. 50 34.2 LONG. 120 20.6 NTS: 92I/ 9W
CLAIMS: SUNNY
OPERATOR: TECK
AUTHOR: LOVANG, G.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP VOLCANICS IN CONTACT WITH THE IRON MASK PLUTON. SOIL SURVEY RESULTS ARE LOW.
WORK DONE: SOIL 231;CU,AU
LINE 5.3 KM
REFERENCES: A.R. 8028,10552,12419,14970

BRITISH

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14871 INFO CLASS 3
LOCATION: LAT. 50 40.5 LONG. 120 42.0 NTS: 92I/10E
CLAIMS: BRITISH 1-5
OPERATOR: VAULT EX.
AUTHOR: MORRISON, M.
DESCRIPTION: UPPER TRIASSIC NICOLA GROUP VOLCANICLASTIC SEDIMENTS ARE INTENSELY CARBONATE-ALTERED OVER AREAS UP TO 4500 SQUARE METRES ON THE PROPERTY. IT APPEARS THAT THE ALTERATION ZONES ARE RELATED TO ELONGATE QUARTZ PORPHYRY INTRUSIONS OF POSSIBLE TERTIARY AGE. THE INTRUSIVE ROCKS ARE LOCALLY KAOLINIZED, AND CONTAIN UP TO 3 PER CENT PYRITE AND ANOMALOUS ARSENIC VALUES. NO GOLD HAS BEEN FOUND ON THE PROPERTY TO DATE, BUT GOLD IS KNOWN TO ACCOMPANY SIMILAR ARSENIC-BEARING CARBONATE-ALTERED ROCKS 5 KILOMETRES TO THE NORTH OF THE PROPERTY.
WORK DONE: GEOL 1:2500
ROCK 12;MULTIELEMENT
LINE 9.3 KM
REFERENCES: A.R. 13721,14871

BRUSSELS

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14881 INFO CLASS 3
LOCATION: LAT. 50 42.5 LONG. 120 40.4 NTS: 92I/10E
CLAIMS: BRUSSELS 1, BRUSSELS 3-4, GOLDEN LINE 1
OPERATOR: GOLDSTONE EX.
AUTHOR: MORRISON, M.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC AGE NICOLA GROUP BASALTS, ANDESITES, AND TRACHY ANDESITES THAT HAVE BEEN INTENSELY ALTERED AND REPLACED BY CARBONATE AND SILICA, AND CUT BY MINOR CARBONATE AND QUARTZ VEINS. MANY OF THE ALTERATION ZONES ALIGN WITH SUSPECTED STEEPLY DIPPING NORTHWESTERLY TRENDING FAULT STRUCTURES. NO ECONOMIC CONCENTRATIONS OF MINERALS HAVE BEEN IDENTIFIED ON THE PROPERTY.
WORK DONE: ROTD 292.3 M;5 HOLES
SAMP 87;AU,AG,AS,CU,ZN
REFERENCES: A.R. 10187,14881

DOMINIC

MINING DIV:	KAMLOOPS ASSESSMENT REPORT 15235 INFO CLASS 4
LOCATION:	LAT. 50 35.1 LONG. 120 43.6 NTS: 92I/10E
CLAIMS:	DOMINIC NORTH, DOMINIC SOUTH
OPERATOR:	BOITARD, C.
AUTHOR:	LARUE, J. BOITARD, C.
DESCRIPTION:	THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP VOLCANICS AND MINOR SEDIMENTARY ROCKS. THE GEOPHYSICAL SURVEY IDENTIFIED A MODERATE TO STRONG INDUCED POLARIZATION CONDUCTIVE ZONE.
WORK DONE:	IPOL 3.2 KM LINE 3.2 KM
REFERENCES:	A.R. 6440,7155,8780,12958,14110,15235

MUSTANG

MINING DIV:	KAMLOOPS ASSESSMENT REPORT 15049 INFO CLASS 3
LOCATION:	LAT. 50 44.0 LONG. 120 45.5 NTS: 92I/10E 92I/10W
CLAIMS:	MUSTANG 2-3
OPERATOR:	MORRISON, M.
AUTHOR:	MORRISON, M.
DESCRIPTION:	THE CLAIMS ARE UNDERLAIN BY A MONOCLINAL SEQUENCE OF UPPER TRIASSIC NICOLA GROUP VOLCANICLASTIC SEDIMENTS THAT STRIKE NORTHWEST AND DIP STEEPLY NORTHEAST. CARBONATE ALTERATION ZONES ASSOCIATED WITH LATE VERTICAL FAULTING LOCALLY CONTAIN ANOMALOUS MERCURY, ANTIMONY AND ARSENIC VALUES.
WORK DONE:	GEOL 1:4000 LINE 25.1 KM
REFERENCES:	A.R. 15049

ZZ

MINING DIV:	KAMLOOPS ASSESSMENT REPORT 14481 INFO CLASS 3
LOCATION:	LAT. 50 40.0 LONG. 120 30.8 NTS: 92I/10E
CLAIMS:	ZZ 3-6, WILL 1 FR.
OPERATOR:	CHINA COMMERCIAL
AUTHOR:	MORGAN, D.
DESCRIPTION:	THE PROPERTY IS UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP VOLCANICS AND TERTIARY KAMLOOPS GROUP VOLCANICS AND SEDIMENTS. THE GEOPHYSICAL SURVEY IDENTIFIED A MAGNETIC LOW FEATURE WHICH IS INTERPRETED TO REPRESENT THE KAMLOOPS GROUP ROCKS.
WORK DONE:	MAGG 9.2 KM
REFERENCES:	A.R. 6246,14481

FEHR

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14776 INFO CLASS 4
LOCATION: LAT. 50 42.5 LONG. 120 59.0 NTS: 92I/10W
CLAIMS: FEHR V, JIM 1
OPERATOR: GOLDQUEST I
AUTHOR: GOURLAY, A.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY TRIASSIC NICOLA GROUP VOLCANIC AND SEDIMENTARY ROCKS, JURASSIC ASHCROFT FORMATION CONGLOMERATE, AND EOCENE KAMLOOPS GROUP LACUSTRINE SEDIMENTARY ROCKS AND BASALTS, WHICH ARE INTRUDED BY A TERTIARY RHYOLITE PLUG ALONG A FRACTURE ZONE, PROBABLY A SPLAY OFF THE DEADMAN FAULT ZONE. THE SOIL CONTAINS ANOMALOUS VALUES OF GOLD, LEAD, ARSENIC AND ANTIMONY.
WORK DONE: SOIL 31;AG,HG,AU
REFERENCES: A.R. 14776

INDI

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14997 INFO CLASS 4
LOCATION: LAT. 50 44.0 LONG. 120 54.0 NTS: 92I/10W
CLAIMS: INDI 1-5, INDI FR.
OPERATOR: DICKENS, M.
AUTHOR: DICKENS, M.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP VOLCANICS AND SEDIMENTS. PYRITIC QUARTZ-CARBONATE VEINS CARRY ANOMALOUS MERCURY, ARSENIC AND ANTIMONY VALUES IN ROCK CHIP SAMPLES.
WORK DONE: ROCK 59;MULTIELEMENT
PROS 1:25000
REFERENCES: A.R. 14997

KRAIN COPPER

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15205 INFO CLASS 4
LOCATION: LAT. 50 34.2 LONG. 120 59.9 NTS: 92I/10W 92I/11E
CLAIMS: GETTY A FR., GETTY 3-4, GETTY 13-14
OPERATOR: ROBAK IND.
AUTHOR: GOWER, S.
COMMODITIES: COPPER
DESCRIPTION: CHALCOPYRITE, BORNITE AND MOLYBDENITE OCCUR MAINLY AS DISSEMINATIONS AND FRACTURE FILLINGS IN QUARTZ DIORITE, BRECCIA ZONES AND NEAR THE SHATTERED MARGINS OF AN INTRUSIVE PORPHRY. EXTENSIVE OXIDATION CAPS THE NORTHWESTERN PORTION OF THE MINERAL ZONE. INTRUSIVE ROCKS HOSTING THE

MINERALIZATION ARE PART OF THE JURASSIC GUICHON
CREEK BATHOLITH.
WORK DONE: GEOL 1:200
SOIL 22;CU,AU,AG
SILT 6;CU,AU,AG
ROCK 40;CU,AG,AU
REFERENCES: A.R. 172,207,213,1917,2227,5541,5913,7502,
10544,12902,15205
M.I. 092INE038-KRAIN COPPER

GENESIS

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15002 INFO CLASS 3
LOCATION: LAT. 50 43.5 LONG. 121 23.0 NTS: 92I/11W 92I/14W
CLAIMS: GENESIS 1-18, GENESIS 20
OPERATOR: SAMARKAND RES.
AUTHOR: SHEARING, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MAFIC TO FELSIC
VOLCANIC ROCKS WITH INTERCALATED SEDIMENTS ALL OF
THE UPPER TRIASSIC NICOLA GROUP.
WORK DONE: ROCK 95;MULTIELEMENT
ROCK 14;WHOLE ROCK
PROS 1:10000
LINE 55.0 KM
REFERENCES: A.R. 15002

RED HILL

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15132 INFO CLASS 3
LOCATION: LAT. 50 39.5 LONG. 121 20.6 NTS: 92I/11W
CLAIMS: ADD 1, ADD 5, ADD 8, MOLY
OPERATOR: REA GOLD
AUTHOR: BLANCHFLOWER, J.
COMMODITIES: COPPER, MOLYBDENUM, SILVER
DESCRIPTION: MINOR CHALCOPYRITE AND SECONDARY COPPER MINERALIZATION ARE HOSTED BY EITHER METAVOLCANIC ROCKS
OF THE NICOLA GROUP WHICH ARE INTRUDED BY SUBVOLCANIC CALC-ALKALINE STOCKS, OR CHERT HORIZONS
INTRAVOLCANIC WITH AN ANDESITIC FLOW AND BRECCIA
SEQUENCE OF THE NICOLA GROUP. SERICITIZATION AND
PYRITIZATION ARE COMMON WITH THE FORMER AND LOW
GRADE CHLORITIZATION WITH THE LATTER.
WORK DONE: DIAD 765.7 M;6 HOLES,NQ
SAMP 69;CU,PB,ZN,AU,AG
REFERENCES: A.R. 299,5308,7907,8892,9415,10459,10513,11067,
12100,13826,15132

M.I. 092INW042-RED HILL

BREW

MINING DIV: LILLOOET ASSESSMENT REPORT 14973 INFO CLASS 4
LOCATION: LAT. 50 35.9 LONG. 121 57.5 NTS: 92I/12W
CLAIMS: BREW 1-2
OPERATOR: GEOSTAR MIN.
AUTHOR: PRICE, B.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY JURASSIC-CRETACEOUS RELAY MOUNTAIN GROUP SEDIMENTS INTRUDED BY DIORITE DYKES AND SILLS.
WORK DONE: GEOL 1:5000
REFERENCES: A.R. 14973

FOAM, SPRAY

MINING DIV: LILLOOET ASSESSMENT REPORT 15073 INFO CLASS 4
LOCATION: LAT. 50 32.5 LONG. 121 53.0 NTS: 92I/12W
CLAIMS: FOAM 1, SPRAY 1-2
OPERATOR: MIRAMAR ENERGY
AUTHOR: PRICE, B. DITSON, C.
DESCRIPTION: GOLD OCCURS IN A 20 METRE STOCKWORK VEIN ZONE INTERSECTED BY DDH 83-4 ON THE SPRAY CLAIMS, WITHIN A QUARTZ DIORITE STOCK CUTTING RELAY MOUNTAIN GROUP SEDIMENTS. ADDITIONAL STOCKS OR PLUGS OCCUR ON THE FOAM 1 CLAIM. MINERALIZATION IS ASSOCIATED WITH SPHALERITE IN A PORPHYRY MOLYBDENITE SYSTEM. AIR PHOTOS INDICATE NUMEROUS FAULTS AND MAJOR FRACTURES.
WORK DONE: FOTO 1:5000
PROS 1:5000
REFERENCES: A.R. 7211,7569,8347,9405,9427,15073

INDEX

MINING DIV: LILLOOET ASSESSMENT REPORT 15032 INFO CLASS 4
LOCATION: LAT. 50 31.8 LONG. 122 0.0 NTS: 92I/12W 92J/ 9E
CLAIMS: INDEX, C.P. FR., LEGAL TENDER, CLONMELL 2 FR., ARMES FR. OUTLET FR., GLOBE, LAST CHANCE, LUCKY JACK FR. LYTTON FR., SUNSET, ASPIN, HOPE
OPERATOR: MCCLAY, W.
AUTHOR: GALE, R.
COMMODITIES: MOLYBDENUM, URANIUM
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY HIGHLY SHEARED,

GNEISSIC TO SCHISTOSE SEDIMENTS AND VOLCANICS OF THE PERMO-TRIASSIC BRIDGE RIVER GROUP INTRUDED BY THE INDEX STOCK, A COARSE BIOTITE GRANITE-QUARTZ MONZONITE. COUNTRY ROCKS CONTAIN QUARTZ-CALCITE VEINLETS WHICH BECOME DENSER NEAR THE INTRUSIVE CONTACT. LAMPROPHYRE DYKES TRENDING NORTH, CUT THE CENTRE OF THE INTRUSION. MOLYBDENITE OCCURS IN NORTHERLY TRENDING SHEARS AND FRACTURES WITHIN THE INDEX STOCK AND CONTAINS LOW GRADE GOLD VALUES.
WORK DONE: ROCK 19;MULTIELEMENT
PETR 7 THIN SECTIONS
REFERENCES: A.R. 6213,15032
M.I. 092JNE055-INDEX

TOW

MINING DIV: LILLOOET ASSESSMENT REPORT 14971 INFO CLASS 3
LOCATION: LAT. 50 33.7 LONG. 121 54.0 NTS: 92I/12W
CLAIMS: FOAM 2-3, FREE 1-2, BREW 1-2
OPERATOR: MIRAMAR ENERGY
AUTHOR: PRICE, B.
COMMODITIES: MOLYBDENUM
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY JURASSIC-CRETACEOUS RELAY MOUNTAIN GROUP SEDIMENTS AND VOLCANICS INTRUDED BY SMALL QUARTZ DIORITE BODIES. QUARTZ AND QUARTZ-CARBONATE VEINS AND STOCKWORKS CARRYING PYRRHOTITE, PYRITE, MOLYBDENITE AND CHALCOPYRITE MINERALIZATION OCCUR NEAR THE QUARTZ DIORITE-SEDIMENT CONTACT. SOIL GEOCHEMISTRY RETURNED ANOMALOUS ARSENIC AND GOLD VALUES.
WORK DONE: SOIL 195;MULTIELEMENT
ROCK 65;MULTIELEMENT
REFERENCES: A.R. 7211,7569,8347,9405,9427,14971,14973,15073
M.I. 092INW090-TOW

J

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14207 INFO CLASS 3
LOCATION: LAT. 50 59.5 LONG. 121 29.3 NTS: 92I/13E 92I/14W
CLAIMS: J5
OPERATOR: ESSO MIN. CAN.
AUTHOR: MELNYK, W.
DESCRIPTION: THE "J" PROPERTY IS UNDERLAIN BY PERMIAN CACHE CREEK ARGILLITES, CHERTS AND MAFIC VOLCANICS. A TIGHT ANTIFORM (TRENDING AND PLUNGING NORTHWESTERLY) OCCURS NEAR HIGHWAY 97. AN ANKERITE, QUARTZ, SERICITE, MARIPOSITE, PYRITE

ALTERATION ZONE, 40-70 METRES WIDE OCCURS COINCIDENT WITH THE AXIAL TRACE. TWO KILOMETRES NORTHWESTERLY, A PERCUSSION HOLE DRILLED IN 1973 ASSAYED 16 GRAMMES/TONNE GOLD OVER 3.05 METRES. DRILLING IN 1985 DID NOT DETECT ANY PRECIOUS METAL VALUES IN THE VICINITY OF THE OLD PERCUSSION DRILL HOLE.

WORK DONE: DIAD 186.5 M;3 HOLES,NQ
SAMP 29;AU,AG
REFERENCES: A.R. 14207

P&L

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14723 INFO CLASS 4
LOCATION: LAT. 50 47.1 LONG. 121 2.4 NTS: 92I/14E
CLAIMS: TOQ 1
OPERATOR: CAREY, R.
AUTHOR: MURPHY, J.
COMMODITIES: COPPER
DESCRIPTION: THE CLAIM IS UNDERLAIN BY TRIASSIC NICOLA GROUP VOLCANICS WHICH ARE INTRUDED BY A GRANITIC APOPHYSIS OF THE GUICHON BATHOLITH. PYRITE AND CHALCOPYRITE IS DISSEMINATED WITHIN THE VOLCANICS AND ALSO OCCUR IN STEEPLY DIPPING QUARTZ-CARBONATE VEINS. THE GEOPHYSICAL SURVEY CONFIRMED THE LOCATION OF THE ORIGINAL VLF CONDUCTOR.
WORK DONE: EMGR 1.6 KM;VLF
REFERENCES: A.R. 6527,8763,12069,14229,14723
M.I. 092INW052-P&L

ROCHE

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14914 INFO CLASS 4
LOCATION: LAT. 50 46.4 LONG. 121 6.1 NTS: 92I/14E
CLAIMS: ROCHE I-II
OPERATOR: GOLDQUEST I
AUTHOR: GOURLAY, A.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY THE UPPER TRIASSIC NICOLA GROUP CONSISTING OF NORTH TRENDING, STEEP TO VERTICALLY DIPPING RHYOLITE TUFFS, FINE TO MEDIUM GRAINED SEDIMENTS, ARGILLITE FELDSPAR PORPHYRY TUFF, AND ANDESITE TUFF THAT ARE UNCONFORMABLY OVERLAIN BY CONGLOMERATE OF THE JURASSIC ASHCROFT FORMATION.
WORK DONE: GEOL 1:5000
SOIL 22;AS,AU

ROCK 8;AU,AG,AS
REFERENCES: A.R. 14914

FERGUSON CREEK

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15300 INFO CLASS 4
LOCATION: LAT. 50 56.7 LONG. 121 23.0 NTS: 92I/14W
CLAIMS: CHROME 1
OPERATOR: EQUINOX RES.
AUTHOR: PAGE, J.
COMMODITIES: CHROMIUM, IRON
DESCRIPTION: THE CLAIM IS UNDERLAIN BY SHEARED AND ALTERED ULTRAMAFIC ROCKS INTRUDING PERMIAN-PENNSYLVANIAN CACHE CREEK GROUP METASEDIMENTS ALONG STEEPLY DIPPING FAULTS. IRREGULAR ZONES OF DISSEMINATED FINE TO MEDIUM GRAINED CHROMITE MINERALIZATION FORM VAGUE LENSES OR BANDS AND LOCAL RARE MASSIVE PODS. THESE ZONES STRIKE NORTHERLY AND DIP MODERATELY TO THE EAST. SOIL GEOCHEMISTRY RETURNED LOW MULTIELEMENT VALUES.
WORK DONE: SOIL 35;MULTIELEMENT
SILT 9;MULTIELEMENT
ROCK 29;MULTIELEMENT
HMIN 4;MULTIELEMENT
REFERENCES: A.R. 6662,6742,15300
M.I. 092INW035-FERGUSON CREEK

ALLIES

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15270 INFO CLASS 4
LOCATION: LAT. 50 52.7 LONG. 120 34.2 NTS: 92I/15E
CLAIMS: ALLIES
OPERATOR: RELAY CREEK RES.
AUTHOR: SCOTT, A.
COMMODITIES: IRON, COPPER, NICKEL, GOLD, SILVER
DESCRIPTION: A WINDOW OF UPPER TRIASSIC NICOLA GROUP GREENSTONE AND ULTRAMAFIC ROCKS ARE SURROUNDED BY MIOCENE PLATEAU BASALT. A NUMBER OF NORTHEAST-TRENDING FELDSPAR PORPHYRY DYKES CUT THE OLDER ROCKS AND GOLD MINERALIZATION IS ASSOCIATED WITH QUARTZ VEINING IN SOME OF THESE DYKES. THE INDUCED POLARIZATION SURVEY RETURNED WEAK RESPONSES.
WORK DONE: IPOL 6.2 KM
REFERENCES: A.R. 3674,4212,4546,5950,7085,11409,12412, 13445,13897,15192,15270
M.I. 092INE044-ALLIES

DARCY

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14194 INFO CLASS 3
LOCATION: LAT. 50 50.5 LONG. 120 29.0 NTS: 92I/15E 92I/16E
CLAIMS: DARCY I-IV, DAWN I, PASS I
OPERATOR: ESSO RES. CAN.
AUTHOR: DITSON, G.
COMMODITIES: GOLD, SILVER, COPPER
DESCRIPTION: THREE ZONES OF PRECIOUS METAL MINERALIZATION OCCUR WITHIN THE PERIMETER OF A PICRITE BODY WHICH INTRUDES TRIASSIC AGE NICOLA GROUP VOLCANIC ROCKS. TWO ZONES ARE IN CARBONATE/K-FELDSPAR ALTERED PICRITE/VOLCANIC-ROCK BRECCIAS WITH CROSS-CUTTING QUARTZ +/- CARBONATE STOCKWORKS. THE THIRD ZONE IS ASSOCIATED WITH A QUARTZ VEIN STOCKWORK AND ALBITE-SERICITE-CARBONATE-PYRITE ALTERATION IN HORNBLENDE FELDSPAR PORPHYRIES WHICH INTRUDE PICRITE.
WORK DONE: GEOL 1:10000,1:2000
MAGG 20.0 KM
EMGR 20.0 KM;VLF
SOIL 344;MULTIELEMENT
ROCK 40;MULTIELEMENT
PETR 36
ROAD 0.5 KM
TREN 105.0;4 TRENCHES
REFERENCES: A.R. 14194
M.I. 092INE167-DARCY

DOG

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15192 INFO CLASS 3
LOCATION: LAT. 50 52.5 LONG. 120 33.0 NTS: 92I/15E
CLAIMS: DOG 3-4
OPERATOR: TRANS-ARCTIC EX.
AUTHOR: MARK, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PENNSYLVANIAN-PERMIAN CACHE CREEK GROUP SEDIMENTS AND VOLCANICS WITHIN A WINDOW OF TERTIARY KAMLOOPS GROUP VOLCANICS. THE GEOPHYSICAL SURVEY ATTEMPTED TO MAP THE CACHE CREEK GROUP ROCKS BY THEIR MAGNETIC SIGNATURE.
WORK DONE: MAGG 31.5 KM
REFERENCES: A.R. 11409,13897,15192

CRISS CREEK

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15227 INFO CLASS 3
LOCATION: LAT. 50 54.8 LONG. 120 55.8 NTS: 92I/15W
CLAIMS: CAYUSE
OPERATOR: PACKARD RES.
AUTHOR: MEDFORD, G.
COMMODITIES: MERCURY, ANTIMONY, COPPER, SILVER
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP VOLCANICS IN FAULT CONTACT WITH ASHCROFT FORMATION SEDIMENTS. NORTHWEST TRENDING FRACTURES ARE INFILLED WITH CARBONATE, STIBNITE, REALGAR AND HEMATITE. SOIL GEOCHEMISTRY RETURNED LOW SILVER VALUES.
WORK DONE: SOIL 111;AG
REFERENCES: A.R. 4305,8191,9729,10215,11477,12288,15227
M.I. 092INE063-CRISS CREEK

HARDIE HILL/MERCURY

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15164 INFO CLASS 3
LOCATION: LAT. 50 50.6 LONG. 120 45.1 NTS: 92I/15W
CLAIMS: WARD 1-2, PEARL
OPERATOR: WARD, D.
AUTHOR: WARD, D.
COMMODITIES: MERCURY
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP CALC-ALKALINE VOLCANIC ROCKS IN FAULT CONTACT WITH ULTRAMAFIC ROCKS WHICH HAVE BEEN INTRUDED BY DIORITE, MONZONITE AND GRANITE. MINERALIZATION IS ASSOCIATED WITH SILICIFIED FELSIC INTRUSIVES AND HYDROTHERMALLY ALTERED VOLCANIC ROCKS. THE MAGNETOMETER SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: MAGG 28.0 KM
LINE 26.0 KM
REFERENCES: A.R. 1914,1989,2467,13981,15164
M.I. 092INE058-HARDIE HILL (MERCURY)

TENDERFOOT

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15071 INFO CLASS 4
LOCATION: LAT. 50 48.0 LONG. 120 45.5 NTS: 92I/15W
CLAIMS: BORNITE 3-4, TENDERFOOT
OPERATOR: ROCOCCO RES.
AUTHOR: GAME, R.
COMMODITIES: COPPER, SILVER

DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP PORPHYRITIC AUGITE AND OLIVINE BASALT FLOWS THAT ARE CUT BY NUMEROUS SHEAR ZONES AND ASSOCIATED ANDESITE DYKES. CHALCOPYRITE AND BORNITE OCCUR IN QUARTZ-CARBONATE VEINS IN THE SHEAR ZONES AND ANDESITE DYKES. THE GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: GEOL 1:2500
MAGG 5.6 KM
EMGR 3.1 KM;VLF
REFERENCES: A.R. 693,3761,11354,15071
M.I. 092INE033-TENDERFOOT

XAVONA

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14913 INFO CLASS 4
LOCATION: LAT. 50 46.3 LONG. 120 50.7 NTS: 92I/15W
CLAIMS: XAVONA 1
OPERATOR: MORRISON, M.
AUTHOR: MORRISON, M.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY GENTLY DIPPING UPPER TRIASSIC NICOLA GROUP SEDIMENTS THAT ARE MODERATELY CARBONATE-ALTERED IN ZONES THAT ALIGN WITH STEEPLY DIPPING NORTHWEST STRIKING FAULTS.
WORK DONE: GEOL 1:2500
LINE 7.3 KM
REFERENCES: A.R. 10223,12054,14913

JED, IRON RANGE

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14654 INFO CLASS 4
LOCATION: LAT. 50 50.7 LONG. 120 3.6 NTS: 92I/16E
CLAIMS: HEFFLEY LAKE
OPERATOR: ALLEN, H.
AUTHOR: BRISTOW, J.
COMMODITIES: IRON, COPPER
DESCRIPTION: MAGNETITE AND CHALCOPYRITE OCCUR IN GARNET SKARNS DEVELOPED IN NORTHWEST STRIKING, SOUTHWEST DIPPING CALCAREOUS METASEDIMENTS OF THE PALEOZOIC CACHE CREEK GROUP.
WORK DONE: DIAD 57.9 M;1 HOLE,BQ
SAMP 2;AU,AG,FE
REFERENCES: A.R. 8246,14654
M.I. 092INE096-JED;092INE154-IRON RANGE
MMAR 1915, 1967
GEM, 1970, 1973, 1976

GSC MEM. 249

BONAPARTE

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15166 INFO CLASS 1

LOCATION: LAT. 51 0.5 LONG. 120 26.6 NTS: 92I/16W 92P/ 1W

CLAIMS: NUBOB 1, REBOB 2

OPERATOR: INTER-PACIFIC RES.

AUTHOR: PEATFIELD, G.

COMMODITIES: GOLD

DESCRIPTION: MESOZOIC OR PALEOZOIC PELITIC AND ARGILLACEOUS STRATA ARE CUT AND HORNFELSED BY A MESOZOIC QUARTZ DIORITE STOCK AND DYKE SWARM. BOTH INTRUSIVE ROCKS AND HORNFELS ARE CUT BY NUMEROUS QUARTZ VEINS UP TO ONE METRE WIDE CARRYING PYRITE, CHALCOPYRITE, PYRRHOTITE, MOLYBDENITE AND RARELY BISMUTH TELLURIDE AND FREE GOLD.

WORK DONE:

GEOL	1:2500
MAGG	7.1 KM
SOIL	257;MULTIELEMENT
SILT	3;MULTIELEMENT
ROCK	88;MULTIELEMENT
HMIN	3;MULTIELEMENT
DIAD	1129.9 M;7 HOLES,NQ
SAMP	432;MULTIELEMENT
LINE	8.1 KM

REFERENCES: A.R. 13908,15166
M.I. 092P 159-BONAPARTE

GOLD BUG

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14506 INFO CLASS 4

LOCATION: LAT. 50 54.4 LONG. 120 20.3 NTS: 92I/16W

CLAIMS: GB 2, GB 4

OPERATOR: GOLDEN PORPHYRITE

AUTHOR: NELLES, D.

COMMODITIES: GOLD, SILVER, LEAD, ZINC, MOLYBDENUM, COPPER

DESCRIPTION: THE PROPERTY IS UNDERLAIN BY A THICK SEQUENCE OF FOLIATED SHALES AND SILTSTONES OF CARBONIFEROUS-TRIASSIC AGE. THESE SEDIMENTS STRIKE APPROXIMATELY NORTH-SOUTH AND HAVE BEEN INTRUDED BY SILL-LIKE BODIES OF QUARTZ MONZONITE RELATED TO THE TRIASSIC-JURASSIC GUICHON CREEK BATHOLITH. QUARTZ VEINS CARRYING PRECIOUS AND BASE METAL VALUES OCCUR PROXIMAL TO THE SILLS.

WORK DONE:

GEOL	1:12500,1:1000

ASHCROFT 92I

ROCK 15;AU,AG
HMIN 4;AU,AG
REFERENCES: A.R. 10545,14506
M.I. 092INE086-GOLD BUG

PEMBERTON 92J

AG

MINING DIV: NEW WESTMINSTER ASSESSMENT REPORT 14096 INFO CLASS 4
LOCATION: LAT. 50 6.0 LONG. 122 7.0 NTS: 92J/ 1E
CLAIMS: AG 1-3
OPERATOR: ARBOR RES.
AUTHOR: TROUP, A.G.
COMMODITIES: SILVER, GOLD, LEAD
DESCRIPTION: THE AG PROPERTY IS A TERTIARY, EPITHERMAL SILVER-GOLD PROSPECT WITH A 500 METRE LONG PYRITE ZONE DEVELOPED ALONG THE CONTACT BETWEEN A TERTIARY RHYOLITE BODY AND UNDERLYING METASEDIMENTS. THE METASEDIMENT UNIT IS DIPPING STEEPLY TO THE NORTH-EAST WITH THE MINERALIZED CONTACT SITUATED 200 METRES EAST OF A PERMANENT GLACIER WHICH CONCEALS THE WESTERN EXTENT OF THE PYRITE ZONE.
WORK DONE: SOIL 20;MULTIELEMENT
ROCK 8;MULTITLEMENT
PROS 1:10000
REFERENCES: A.R. 14096
M.I. 092JSE031-AG

NORTHAIR

MINING DIV: VANCOUVER ASSESSMENT REPORT 15198 INFO CLASS 3
LOCATION: LAT. 50 6.4 LONG. 123 6.5 NTS: 92J/ 3E
CLAIMS: NORTHAIR 5
OPERATOR: NORTHAIR MINES
AUTHOR: MACLEOD, J.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY CRETACEOUS GAMBIER GROUP VOLCANICS CONSISTING MAINLY OF ANDESITIC AGGLOMERATES WHICH HOST QUARTZ-CARBONATE VEINING IN NORTHWEST TRENDING SHEAR ZONES. THE DRILL HOLE INTERSECTED A SEQUENCE OF ANDESITIC VOLCANICS CONTAINING A SHEAR ZONE OCCUPIED BY A 6.0 METRE WIDE QUARTZ VEIN. DRILL CORE ASSAY RESULTS RETURN-

ED LOW GOLD AND SILVER VALUES.
WORK DONE: DIAD 166.8 M;1 HOLE,NQ
SAMP 9;AG,AU
REFERENCES: A.R. 15198

AMPLE

MINING DIV: LILLOOET ASSESSMENT REPORT 14878 INFO CLASS 4
LOCATION: LAT. 50 39.0 LONG. 122 2.6 NTS: 92J/ 9E
CLAIMS: EDDY 1
OPERATOR: BROWN, R.
AUTHOR: SMITH, E.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY SEDIMENTS OF THE PERMO-TRIASSIC BRIDGE RIVER GROUP. PYRITE AND ARSENOPYRITE WITH GOLD OCCUR IN QUARTZ VEINS RANDOMLY ORIENTED THROUGHOUT A TEN METRE WIDE FAULT ZONE.
WORK DONE: ROCK 7;AU
PROS 1:25000,1:760
REFERENCES: A.R. 11871,12571,14146,14878
M.I. 092JNE069-AMPLE

MIRNE, REYNAUD

MINING DIV: LILLOOET ASSESSMENT REPORT 14799 INFO CLASS 4
LOCATION: LAT. 50 37.5 LONG. 122 28.0 NTS: 92J/ 9W
CLAIMS: MIRNE
OPERATOR: MAGNUS RES.
AUTHOR: KURAN, V.
DESCRIPTION: ARGILLACEOUS SEDIMENTARY ROCKS IN THE AREA HOST QUARTZ VEINS. GOLD MINERALIZED DRILLING ON THE MIRNE CLAIM FAILED TO INTERSECT BEDROCK TO A DEPTH OF ABOUT 40 METRES.
WORK DONE: DIAD 36.6 M;1 HOLE,BW,NW
REFERENCES: A.R. 12230,14799

BUTTE-X-CAL

MINING DIV: LILLOOET ASSESSMENT REPORT 14453 INFO CLASS 3
LOCATION: LAT. 50 42.0 LONG. 122 40.0 NTS: 92J/10E
CLAIMS: BUTTE-X-CAL
OPERATOR: HUDSON BAY EX.
AUTHOR: LANCASTER, M.
DESCRIPTION: TWO TRIASSIC-JURASSIC ULTRAMAFIC BODIES (HARZ-

BURGITE?, DUNITE) ARE IN FAULT CONTACT WITH UPPER TRIASSIC NOEL FORMATION ARGILLITE AND TUFF AND UPPER TRIASSIC PIONEER FORMATION ASSOCIATED WITH BRALORNE INTRUSIVES). MINOR LISTWANITE OCCURS ALONG ULTRAMAFIC CONTACTS. SEVERAL APLITE DYKES WITH MINOR QUARTZ VEINING ARE EVIDENT. THE GEOCHEMICAL SURVEY RETURNED ISOLATED GOLD AND SILVER SOIL ANOMALIES.

WORK DONE: GEOL 1:2500
SOIL 511;MULTIELEMENT
SILT 15;MULTIELEMENT
ROCK 69;MULTIELEMENT
HMIN 14;MULTIELEMENT
REFERENCES: A.R. 14453

DIORITE, GOLD HILL

MINING DIV: LILLOOET ASSESSMENT REPORT 14382 INFO CLASS 2
LOCATION: LAT. 50 37.5 LONG. 122 29.0 NTS: 92J/10E 92J/10E
CLAIMS: X-CAL 1-27, MAC 1-2
OPERATOR: HUDSON BAY EX.
AUTHOR: LANCASTER, M.
COMMODITIES: GOLD
DESCRIPTION: PERMO-TRIASSIC BRIDGE RIVER GROUP (ARGILLITE, CHERTY ARGILLITE, CHERT, VOLCANICS), UPPER TRIASSIC HURLEY FORMATION (ARGILLITE, TUFF), UPPER TRIASSIC PIONEER FORMATION (VOLCANICS AND BRALORNE INTRUSIVES. TRIASSIC-JURASSIC ULTRAMAFIC ROCKS ARE ALL IN FAULT CONTACT ALONG THE COMPLEX CADWALLADER FAULT STRUCTURE. LARGE TERTIARY AND UPPER CRETACEOUS INTRUSIVES (GRANODIORITE) AND SMALL EOCENE INTRUSIVES (GRANITE) CUT OLDER ROCKS. MINOR QUARTZ VEINING OCCURS WITHIN INTRUSIVE ROCKS. THE GEOCHEMICAL SURVEY RETURNED ANOMALOUS GOLD AND SILVER SOIL ANOMALIES. THE GEOPHYSICAL SURVEY OUTLINED COMPLEX FAULT STRUCTURES.

WORK DONE: GEOL 1:10000
EMGR 10.0 KM;VLF
SOIL 2075;MULTIELEMENT
SILT 237;MULTIELEMENT
ROCK 438;MULTIELEMENT
HMIN 134;MULTIELEMENT
REFERENCES: A.R. 10494,11749,11876,14382

FOX, OWL

MINING DIV: LILLOOET ASSESSMENT REPORT 15292 INFO CLASS 4
LOCATION: LAT. 50 42.0 LONG. 122 34.3 NTS: 92J/10E 92J/15E
CLAIMS: FOX 1-5, OWL 2-4
OPERATOR: CAMERON, S.
AUTHOR: TAYLOR, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PERMO-TRIASSIC BRIDGE RIVER GROUP SEDIMENTS AND VOLCANICS WHICH ARE INTRUDED BY BENDOR BATHOLITH GRANODIORITES AND DIORITES. ANOMALOUS SILVER VALUES OCCUR IN SOME ROCK CHIP SAMPLES.
WORK DONE: SILT 9;MULTIELEMENT
ROCK 9;MULTIELEMENT
REFERENCES: A.R. 15292

GOLD COIN

MINING DIV: LILLOOET ASSESSMENT REPORT 14865 INFO CLASS 4
LOCATION: LAT. 50 40.0 LONG. 122 36.0 NTS: 92J/10E
CLAIMS: GOLD COIN
OPERATOR: DANSTAR RES.
AUTHOR: WALKER, J.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY PERMO-TRIASSIC BRIDGE RIVER GROUP VOLCANICS AND SEDIMENTS. TWO ZONES OF MODERATE CONDUCTIVITY ARE INDICATED BY THE VLF-ELECTROMAGNETIC SURVEY.
WORK DONE: MAGA 34.0 KM
EMAB 34.0 KM;VLF
REFERENCES: A.R. 14865,14866

GOLDFIELD

MINING DIV: LILLOOET ASSESSMENT REPORT 14634 INFO CLASS 2
LOCATION: LAT. 50 44.6 LONG. 122 41.0 NTS: 92J/10E
CLAIMS: GOLDFIELD I-III
OPERATOR: CORAL ENERGY
AUTHOR: SAMPSON, C.
DESCRIPTION: BRIDGE RIVER GROUP VOLCANICS AND SEDIMENTS ARE INTRUDED ON THE NORTH EASTERN SIDE OF THE CLAIM GROUP BY BENDOR PLUTON GRANODIORITE. NO MINERAL SHOWINGS ARE KNOWN ON THE PROPERTY. GEOCHEMICAL SURVEY REVEALED ISOLATED ANOMALIES IN ALL ELEMENTS ANALYZED, WITH THE EXCEPTION OF ANTIMONY.
WORK DONE: GEOL 1:5000
SOIL 1412;MULTIELEMENT

LINE 45.0 KM
REFERENCES: A.R. 14634

GOLDHILL

MINING DIV: LILLOOET ASSESSMENT REPORT 14866 INFO CLASS 4
LOCATION: LAT. 50 40.0 LONG. 122 34.3 NTS: 92J/10E
CLAIMS: GOLDHILL 1-2
OPERATOR: GIGI OIL & GAS
AUTHOR: WALKER, J.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PERMO-TRIASSIC BRIDGE RIVER GROUP ROCKS AND UPPER TRIASSIC NOEL FORMATION ROCKS. TWO ZONES OF MODERATE CONDUCTIVITY ARE INDICATED BY THE VLF-ELECTROMAGNETIC SURVEY.
WORK DONE: MAGA 47.0 KM
EMAB 47.0 KM;VLF
REFERENCES: A.R. 14865,14866

PAYMASTER, TRUCK

MINING DIV: LILLOOET ASSESSMENT REPORT 14383 INFO CLASS 3
LOCATION: LAT. 50 44.0 LONG. 122 45.5 NTS: 92J/10E 92J/10W
CLAIMS: PAYMASTER, TRUCK
OPERATOR: HUDSON BAY EX.
AUTHOR: LANCASTER, M.
DESCRIPTION: A LARGE TRIASSIC-JURASSIC ULTRAMAFIC BODY (HARZBURGITE?, DUNITE) IS IN FAULT CONTACT WITH PERMO-TRIASSIC BRIDGE RIVER GROUP ARGILLITE, CHERTY ARGILLITE AND VOLCANICS AND WITH UPPER TRIASSIC NOEL FORMATION ARGILLITE AND TUFF. UPPER TRIASSIC PIONEER FORMATION (AND ASSOCIATED BRALORNE INTRUSIVE) IS IN FAULT CONTACT WITH NOEL FORMATION. MINOR APLITE DYKES OCCUR IN THE ULTRAMAFICS. THE GEOCHEMICAL SURVEY DID NOT RETURN ANY ANOMALOUS GOLD OR SILVER VALUES.
WORK DONE: GEOL 1:2500
SOIL 564;MULTIELEMENT
SILT 28;MULTIELEMENT
ROCK 62;MULTIELEMENT
HMIN 3;MULTIELEMENT
REFERENCES: A.R. 8917,11942,13909,14383

PAYMASTER

MINING DIV: LILLOOET ASSESSMENT REPORT 15057 INFO CLASS 4
LOCATION: LAT. 50 44.4 LONG. 122 44.6 NTS: 92J/10E 92J/10W
CLAIMS: IRIS, IONE, PAYMASTER 3
OPERATOR: LANA GOLD
AUTHOR: ARNOLD, R.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC CADWALLADER GROUP ANDESITE AND DACITE TUFFS, ARGILLACEOUS SEDIMENTS, AND PERIDOTITE-SERPENTINITE ULTRAMAFIC ROCKS. SULPHIDE MINERALIZATION OCCURS IN BRECCIATED SHEAR ZONES WITHIN A SILICEOUS DACITE. GEOCHEMICAL SOIL SURVEY RESULTS ARE LOW.
WORK DONE: FOTO 1:15625
SOIL 28;CU,PB,ZN,AS,AG,AU
REFERENCES: A.R. 8917,11942,13909,14383,15057
M.I. 092JNE010-PAYMASTER

ROYAL, STANDARD

MINING DIV: LILLOOET ASSESSMENT REPORT 14628 INFO CLASS 3
LOCATION: LAT. 50 42.5 LONG. 122 38.5 NTS: 92J/10E
CLAIMS: LION 1, LION 7, BULLDOG 7, ROYAL, ROYAL 1-11
ROYAL A-C FR., TRIAL 2, UNICORN 4, UNICORN 6
BRALORNE EXT., STANDARD 1-2, GOLDSTREAM 1-2, PIE 1-6
OPERATOR: TRANS ATLANTIC RES.
AUTHOR: ALLEN, D.
COMMODITIES: GOLD, COPPER, LEAD, ZINC, TUNGSTEN
DESCRIPTION: THE PROPERTY LIES ALONG THE SOUTHEAST EXTENSION OF THE CADWALLADER BREAK. SEDIMENTARY ROCKS OF THE BRIDGE RIVER AND CADWALLADER GROUPS (PERMIAN-TRIASSIC) ARE INTRUDED BY A VARIETY OF ROCKS INCLUDING BENDOR DIORITE (CRETACEOUS), BRALORNE DIORITE-GREENSTONE (TRIASSIC) AND ALTERED ULTRAMAFIC ROCKS OF THE PRESIDENT INTRUSIONS (JURASSIC). GOLD MINERALIZATION IS ASSOCIATED WITH THE ULTRAMAFIC BODIES.
WORK DONE: GEOL 1:5000
MAGG 8.5 KM
EMGR 5.5 KM;VLF
SOIL 424;MULTIELEMENT
ROCK 53;MULTIELEMENT
LINE 17.0 KM
UNDV REHAB PORTAL
REFERENCES: A.R. 8001,8878,10211,11944,13232,14628
M.I. 092JNE014-ROYAL;092JNE015-STANDARD

MMAR 1932, P. A226; 1933, P. A273

TOM, MAC

MINING DIV: LILLOOET ASSESSMENT REPORT 15341 INFO CLASS 4
LOCATION: LAT. 50 42.3 LONG. 122 36.5 NTS: 92J/10E
CLAIMS: MAC 1-4, TOM 1-8
OPERATOR: ARMENO RES.
AUTHOR: BROWNLEE, D. MACQUARRIE, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY SEDIMENTARY AND VOLCANIC ROCKS OF THE PERMO-TRIASSIC BRIDGE RIVER GROUP. UPPER TRIASSIC PRESIDENT INTRUSIONS ARE EMPLACED ALONG A FAULT, AND ARE ALTERED IN PART TO LISTWANITES. DIORITE OF THE BENDOR INTRUSIONS OCCURS IN THE NORTHERN PORTION OF THE PROPERTY. THE GEOPHYSICAL SURVEY IDENTIFIED A CONDUCTOR BY INDUCED POLARIZATION.
WORK DONE: GEOL 1:5000
IPOL 1.9 KM
ROCK 3;AU,AG,PB,ZN,AS
REFERENCES: A.R. 8657,15341

MOFFAT

MINING DIV: LILLOOET ASSESSMENT REPORT 14708 INFO CLASS 3
LOCATION: LAT. 50 32.5 LONG. 122 54.1 NTS: 92J/10W
CLAIMS: AVALANCHE
OPERATOR: CALIENTE RES.
AUTHOR: HELGASON, R. CAVEY, G.
COMMODITIES: COPPER, SILVER, ZINC, LEAD, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY THE CADWALLADER GROUP A MIXED PACKAGE OF SEDIMENTARY AND VOLCANIC UPPER TRIASSIC ROCKS. INTRUDING THIS PACKAGE ARE GRANODIORITES OF THE COAST PLUTONIC COMPLEX. MINERALIZATION IN THE FORM OF PYRITE, CHALCOPYRITE, SPHALERITE AND GALENA IS FOUND ASSOCIATED WITH QUARTZ-FELDSPAR DYKES AND DISSEMINATED ALONG GRAPHITIC SHEAR ZONES WHICH WERE IDENTIFIED AS HL ELECTROMAGNETIC CONDUCTORS.
WORK DONE: EMGR 10.0 KM;HLEM
SOIL 207;MULTIELEMENT
ROCK 14;CU,PB,ZN,AG,AU
TREN 12.0 M;3 TRENCHES
PITS 6
REFERENCES: A.R. 14224,14708
M.I. 092JNE047-MOFFAT

NOEL

MINING DIV: LILLOOET ASSESSMENT REPORT 15278 INFO CLASS 3
LOCATION: LAT. 50 40.5 LONG. 122 54.5 NTS: 92J/10W
CLAIMS: NOEL 1-2
OPERATOR: EUREKA RES.
AUTHOR: GRUENWALD, W.
COMMODITIES: COPPER, LEAD, ZINC, SILVER, GOLD
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY METASEDIMENTARY AND METAVOLCANIC ROCKS OF THE TRIASSIC HURLEY FORMATION. THESE ROCKS FORM A LARGE ROOF PENDANT SURROUNDED BY GRANITIC INTRUSIVES OF THE COAST PLUTONIC. THE HURLEY FORMATION ROCKS TREND NORTHWESTERLY AND DIP STEEPLY. A SERIES OF STRATIFORM SULPHIDE LENSES FOUND WITHIN A ZONE UP TO 30 METRES WIDE AND TRACED ALONG STRIKE FOR AT LEAST 500 METRES. MINERALIZATION CONSISTS OF SEMI-MASSIVE TO MASSIVE PYRITE, SPHALERITE, GALENA, CHALCOPYRITE, AND SOME PRECIOUS METALS.
WORK DONE: GEOL 1:15000,1:2500
SOIL 127;AU,CU,PB,ZN,AG
SILT 9;CU,PB,ZN,AG
ROCK 12;AU
REFERENCES: A.R. 9517,15278
M.I. 092JNE125-NOEL

ORO

MINING DIV: LILLOOET ASSESSMENT REPORT 14378 INFO CLASS 4
LOCATION: LAT. 50 48.5 LONG. 123 11.5 NTS: 92J/14E
CLAIMS: ORO 1-2
OPERATOR: LAKEWOOD MIN.
AUTHOR: LA RUE, J. BOITARD, C.
DESCRIPTION: THE CLAIM AREA APPEARS TO BE UNDERLAIN BY QUARTZ DIORITE OF THE COAST PLUTONIC COMPLEX. THE GEOCHEMICAL SURVEY RETURNED NEGLIGIBLE RESULTS.
WORK DONE: SOIL 79;CU,PB,AG,ZN,W
LINE 1.8 KM
REFERENCES: A.R. 14378

BENBOE

MINING DIV: LILLOOET ASSESSMENT REPORT 15304 INFO CLASS 3
LOCATION: LAT. 50 48.9 LONG. 122 32.0 NTS: 92J/15E
CLAIMS: AUGUSTUS, PEABODY, CORNWALL, LANCASTER, ROXBOROUGH RAYMOND 3, BENBOE
OPERATOR: FAIRCHILD RES.

AUTHOR: COOKE, B. ROBINS, J.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTHEAST-TRENDING, WEST-DIPPING CHERTY SEDIMENTS AND BASALTIC VOLCANICS OF THE PERMO-TRIASSIC BRIDGE RIVER GROUP, INTRUDED BY A GRANODIORITE PLUTON OF THE TERTIARY BENDOR INTRUSIONS, SOME TERTIARY? PORPHYRY DYKES AND A LATE MAFIC DYKE. THE BENBOE VEIN EXTENDS 225 METRES ALONG A VOLCANIC-SEDIMENT CONTACT AND CONTAINS VUGGY QUARTZ-CARBONATE VEINS AND BRECCIAS WITH MINOR PYRITE-STIBNITE DISSEMINATIONS AND BANDS. OTHER NARROW MINERALIZED SHEAR ZONES TREND PARALLEL TO BEDDING IN THE SEDIMENTS. SEVERAL STRONG GOLD-ARSENIC SOIL ANOMALIES AND VLF ELECTROMAGNETIC CONDUCTORS WERE IDENTIFIED.
WORK DONE: GEOL 1:2500
MAGG 11.8 KM
EMGR 10.3 KM;VLF
SOIL 468;MULTIELEMENT
ROCK 31;MULTIELEMENT
LINE 11.8 KM
REFERENCES: A.R. 15304
M.I. 092JNE098-BENBOE

HOLLAND

MINING DIV: LILLOOET ASSESSMENT REPORT 14621 INFO CLASS 4
LOCATION: LAT. 50 45.8 LONG. 122 45.4 NTS: 92J/15E 92J/15W
CLAIMS: NOMAD, HOLLAND JR., LUCKY SWEDE, JONES, ALICE, ORO FR. HONDO FR., WHISTLER, HOLLAND, RUBY FR., EMERALD FR. WINNIFRED FR.
OPERATOR: UNICORN RES.
AUTHOR: LERICHE, P.
COMMODITIES: GOLD
DESCRIPTION: THE HOLLAND CLAIM GROUP IS UNDERLAIN BY PERMO-TRIASSIC BRIDGE RIVER GROUP BASALT, ANDESITE, TUFF, BRECCIA, ARGILLITE, PHYLLITE, LIMESTONE, SERPENTINE AND SERPENTINIZED PERIDOTITE. THE HOLLAND VEIN TRENDS EAST-WEST AND VARIES IN WIDTH UP TO 1 METRE.
WORK DONE: SOIL 95;CU,PB,ZN,AG,AU
ROCK 1;CU,PB,ZN,AG,AU
LINE 5.8 KM
REFERENCES: A.R. 9743,14621
M.I. 092JNE008-HOLLAND

MINTO MINE

MINING DIV: LILLOOET ASSESSMENT REPORT 14740 INFO CLASS 3
LOCATION: LAT. 50 54.5 LONG. 122 45.0 NTS: 92J/15E 92J/15W
CLAIMS: MINTO FR., ALPH FR., OMEGA 1
OPERATOR: AVINO MINES & RES.
AUTHOR: COOKE, B.
COMMODITIES: GOLD, SILVER, COPPER, LEAD, ZINC, ANTIMONY
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTH STRIKING STEEPLY DIPPING BASALTIC VOLCANICS AND CHERTY SEDIMENTS OF THE PERMO-TRIASSIC BRIDGE RIVER GROUP WHICH IS INTRUDED BY TERTIARY PORPHYRY DYKES. MINERALIZATION CONSISTS OF QUARTZ VEINS WITH ARSENOPYRITE, PYRITE, STIBNITE, TETRAHEDRITE, SPHALERITE AND GALENA WHICH OCCUR ALONG SHEAR ZONES NEAR INTRUSIVE AND STRATIGRAPHIC CONTACTS.
WORK DONE: SOIL 57;AG,AS,PB,SB,ZN
ROCK 333;AU,AG
ROAD 1.5 KM
TREN 230.0 M;23 TRENCHES
REFERENCES: A.R. 5364,5716,5792,13870,14740
M.I. 092JNE075-MINTO MINE

OLYMPIC

MINING DIV: LILLOOET ASSESSMENT REPORT 14344 INFO CLASS 3
LOCATION: LAT. 50 52.8 LONG. 122 43.5 NTS: 92J/15E 92J/15W
CLAIMS: MELLISSANDE, ALTA 1-8, HILLSIDE 1-5, ALPHA 1-2, HEPZIBAH ALTA 1 FR., MELLISSA
OPERATOR: BIG I DEV.
AUTHOR: MCLEOD, J.
COMMODITIES: GOLD, SILVER, ZINC, LEAD
DESCRIPTION: ROCK TYPES INCLUDE PERMO-TRIASSIC BRIDGE RIVER GROUP INTERBEDDED VOLCANICS AND SEDIMENTS INTRUDED BY CRETACEOUS PLUTONIC ROCKS AND POSSIBLY YOUNGER FELSIC AND ULTRAMAFIC ROCKS. THE VOLCANIC SEDIMENTS ARE FOLDED AND FAULTED IN PLACES AND ARE OFTEN STEEPLY DIPPING. THE INTRUSIVE ROCKS HAVE ALTERED THE VOLCANIC SEDIMENTS TO HORNFELS AND GARNET-DIOPSIDE SKARNS. SILICA-CARBONATE VEINS OCCUR WITHIN SHEAR ZONES AND/OR CONTACT ZONES. SOME OF THE ALTERED ZONES ARE UP TO 100 METRES WIDE. THE MASSIVE SULPHIDE CONTACT METAMORPHIC SKARNS AND SILICA-CARBONATE VEINS ALL CARRY LOCALLY ANOMALOUS GOLD VALUES. A VERTICALLY ZONED, CARBONATIZED EPITHERMAL GOLD SYSTEM MAY BE PRESENT ON THE PROPERTY.
WORK DONE: GEOL 1:5000

SOIL 290;MULTIELEMENT
SILT 3;MULTIELEMENT
ROCK 81;MULTIELEMENT
LINE 9.2 KM
ROAD 2.1 KM

REFERENCES: A.R. 8293,8954,9913,11139,12124,12607,14344
M.I. 092JNE092-OLYMPIC
GSC PAPER 43-15, 73-17
GSC SUM. RPT. 1912, 1915, 1928A, 1933A
GSC OPEN FILE 482
ANN. RPT. 1910, 1936, 1937, 1946

PRIMROSE

MINING DIV: LILLOOET ASSESSMENT REPORT 15386 INFO CLASS 3
LOCATION: LAT. 50 55.9 LONG. 122 35.3 NTS: 92J/15E
CLAIMS: CONGRESS EXT., CONGRESS EXT. 2
OPERATOR: CORAL ENERGY
AUTHOR: COOKE, B. SANDBERG, T.
COMMODITIES: GOLD

DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PERMO-TRIASSIC CHERT, ARGILLITE, LIMESTONE AND BASALT OF THE BRIDGE RIVER GROUP, UPPER CRETACEOUS ANDESITE, CONGLOMERATE, GREYWACKE AND ARGILLITE OF THE KINGSVALE GROUP, AND DIORITE, PERIDOTITE, SERPENTINITE AND LISTWANITE OF THE UPPER TRIASSIC PRESIDENT INTRUSIONS. MINERALIZATION CONSISTS OF TWO PARALELL QUARTZ VEINS RUNNING UP TO TWO METRES WIDE, TRENDING NORTHWESTERLY FOR MORE THAN 200 METRES MINOR DISSEMINATED PYRITE AND RARE CHALCOPYRITE ARE FOUND IN THE VEINS AND WALLROCK. ANOMALOUS GEOPHYSICAL AND GEOCHEMICAL RESULTS WERE OBTAINED FROM THE SURVEYS.

WORK DONE: GEOL 1:5000
MAGG 10.0 KM
EMGR 10.0 KM;VLF
SOIL 376;MULTIELEMENT
ROCK 6;MULTIELEMENT
HMIN 1;MULTIELEMENT

REFERENCES: A.R. 15386
M.I. 092JNE039-PRIMROSE

RANGER

MINING DIV: LILLOOET ASSESSMENT REPORT 14518 INFO CLASS 3
LOCATION: LAT. 50 51.1 LONG. 122 44.9 NTS: 92J/15E 92J/15W
CLAIMS: RANGER 1-3, LUCKY RANGER
OPERATOR: LEVON RES.
AUTHOR: COOKE, B.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTHWEST-STRIKING, STEEPLY DIPPING CHERTY SEDIMENTS AND BASALTIC VOLCANICS OF THE PERMO-TRIASSIC BRIDGE RIVER GROUP INTRUDED BY PORPHYRY DYKES AND TERTIARY AGE BENDOR PLUTONIC ROCKS. MINERALIZATION OCCURS ALONG SHEAR ZONES NEAR STRATIGRAPHIC AND INTRUSIVE CONTACTS AND CONSISTS OF QUARTZ-CARBONATE VEINS CONTAINING PYRITE, ARSENOPYRITE, MINOR PYRRHOTITE, CHALCOPYRITE, TETRAHEDRITE, GALENA, STIBNITE AND SPHALERITE.
WORK DONE: SOIL 90;AU,AG,AS,SB,PB,ZN
ROCK 52;AG,AS,PB,SB,ZN,AU
TREN 46.1 M;9 TRENCHES
REFERENCES: A.R. 5761,8590,9982,12416,14225,14518
M.I. 092JNE090-RANGER

ROCK

MINING DIV: LILLOOET ASSESSMENT REPORT 14727 INFO CLASS 3
LOCATION: LAT. 50 49.3 LONG. 122 45.6 NTS: 92J/15E 92J/15W
CLAIMS: TRUAX GOLD II
OPERATOR: CORAL ENERGY
AUTHOR: SAMPSON, C.
COMMODITIES: SILVER, ANTIMONY
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY GRANODIORITES OF THE CRETACEOUS BENDOR PLUTON WHICH INTRUDE TRIASSIC BRIDGE RIVER GROUP CHERTS AND VOLCANICS. THE SHOWINGS CONSIST OF NORTHWEST STRIKING, SHALLOW DIPPING SHEAR ZONES WITHIN THE GRANODIORITES, AND CONTAIN QUARTZ VEINS WITH STIBNITE, SPHALERITE, ARSENOPYRITE, PYRITE AND TETRAHEDRITE MINERALIZATION. THE TRENCHING PROGRAM EXTENDED THE PREVIOUSLY KNOWN MINERAL OCCURRENCES. GOLD VALUES ALSO OCCUR.
WORK DONE: GEOL 1:5000,1:250
ROCK 25;AU
SAMP 146;AU
ROAD 12.0 KM
TREN 138.0 M;6 TRENCHES
REFERENCES: A.R. 2685,8341,14727

M.I. 092JNE060-ROCK

SILVERSIDE

MINING DIV: LILLOOET ASSESSMENT REPORT 14670 INFO CLASS 3
LOCATION: LAT. 50 47.5 LONG. 122 34.0 NTS: 92J/15E
CLAIMS: SILVERSIDE
OPERATOR: LEVON RES.
AUTHOR: YORSTON, B.
DESCRIPTION: THE SILVERSIDE CLAIM IS UNDERLAIN BY PERMO-TRIASSIC METAMORPHOSED SEDIMENTS AND INTERCALATED INTERMEDIATE TO MAFIC VOLCANICS OF THE BRIDGE RIVER GROUP. MINOR MINERALIZATION OCCURS AS A NARROW MASSIVE SULPHIDE LENS-SHAPED VEIN AND AS ARGENTIFEROUS QUARTZ VEINS. ONE ASSAY RETURNED UP TO 9.62 PER CENT COPPER, 1.77 PER CENT ZINC, 72.0 GRAMMES/TONNE SILVER FOR THE MASSIVE SULPHIDE VEIN, AND LOW GRADE MINERALIZATION FOR THE QUARTZ VEIN.
WORK DONE: MAGG 13.8 KM
EMGR 25.1 KM;VLF
SOIL 707;AU,AG,PB,AZ,CU
SAMP 14;AU,AG
LINE 17.9 KM
REFERENCES: A.R. 14670

TY

MINING DIV: LILLOOET ASSESSMENT REPORT 14368 INFO CLASS 3
LOCATION: LAT. 50 56.0 LONG. 122 41.5 NTS: 92J/15E
CLAIMS: TY
OPERATOR: LAKEWOOD MIN.
AUTHOR: LA RUE, J. BOITARD, C.
DESCRIPTION: GEOLOGY OF PEMBERTON (EAST HALF) MAP 13-1973 INDICATES THE PROPERTY IS UNDERLAIN BY ROCK ASSEMBLAGES OF THE MIDDLE TRIASSIC BRIDGE RIVER (FERGUSSON) GROUP INCLUDING CHERT, ARGILLITE, PHYLLITE, GREENSTONE, MINOR LIMESTONE AND SCHIST. THE GEOCHEMICAL SURVEY RETURNED SUBANOMALOUS VALUES IN COBALT, NICKEL, ZINC AND COPPER. A LOW PRIORITY ELECTROMAGNETIC CONDUCTOR WAS OUTLINED ON THE PROPERTY.
WORK DONE: EMGR 2.3 KM;VLF
SOIL 110;MULTIELEMENT
LINE 3.5 KM
REFERENCES: A.R. 14368

VG

MINING DIV: LILLOOET ASSESSMENT REPORT 14806 INFO CLASS 4
LOCATION: LAT. 50 54.5 LONG. 122 34.5 NTS: 92J/15E
CLAIMS: VG 1-2
OPERATOR: KENNEDY, S.
AUTHOR: SAMPSON, C.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY VOLCANICS AND CHERTS
OF THE PERMO-TRIASSIC BRIDGE RIVER GROUP. THERE IS
VERY LITTLE OUTCROP AND MUCH OF THE CLAIM IS
COVERED BY VOLCANIC ASH.
WORK DONE: GEOL 1:5000
REFERENCES: A.R. 14806

WHYNOT

MINING DIV: LILLOOET ASSESSMENT REPORT 14510 INFO CLASS 3
LOCATION: LAT. 50 56.0 LONG. 122 43.8 NTS: 92J/15E 92J/15W
CLAIMS: WHYNOT ONE, WHYNOT 2-3
OPERATOR: LEVON RES.
AUTHOR: SAMPSON, C.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTHWEST STRIKING
VOLCANICS AND CHERTS OF THE PERMO-TRIASSIC
BRIDGE RIVER GROUP WHICH IS IN FAULT CONTACT
WITH LOWER CRETACEOUS TAYLOR CREEK FORMATION
CONGLOMERATES. ANOMALOUS MULTIELEMENT SOIL VALUES
OCCUR.
WORK DONE: GEOL 1:5000
SOIL 1753;MULTIELEMENT
LINE 77.0 KM
REFERENCES: A.R. 14510

B AND F

MINING DIV: LILLOOET ASSESSMENT REPORT 15362 INFO CLASS 3
LOCATION: LAT. 50 54.9 LONG. 122 51.8 NTS: 92J/15W
CLAIMS: AU 2-3
OPERATOR: PETROFLAME INT.
AUTHOR: SORBARA, J.
COMMODITIES: THE CLAIMS ARE UNDERLAIN BY GREENSTONES AND
DESCRIPTION: SEDIMENTS OF THE PERMO-TRIASSIC BRIDGE RIVER
GROUP THAT HAVE BEEN INTRUDED BY SERPENTINE
BODIES, FELSIC DYKES AND PORPHYRY STOCKS. QUARTZ-
CARBONATE VEINING CONTAINING MARIPOSITE AND PYRITE
OCCUR IN ALTERED SERPENTINE SHEAR ZONES. SOIL
GEOCHEMISTRY IDENTIFIED SCATTERED ANOMALOUS GOLD
VALUES.

WORK DONE: SOIL 150;MULTIELEMENT
REFERENCES: A.R. 11918,15362

BIG APPLE 1

MINING DIV: LILLOOET ASSESSMENT REPORT 14666 INFO CLASS 3
LOCATION: LAT. 50 52.0 LONG. 122 47.5 NTS: 92J/15W
CLAIMS: BIG APPLE
OPERATOR: LEVON RES.
AUTHOR: FRIESEN, P.
DESCRIPTION: SEDIMENTS OF THE FERGUSSON BRIDGE RIVER GROUP ARE INTERLAYERED WITH GREENSTONE AND ANDESITIC OR BASALTIC FLOWS. THE FORMATIONS TREND NORTHWESTERLY. EXCEPT FOR SOME HIGHER MAGNETIC VALUES IN THE SOUTHEASTERN PART OF THE SURVEYED AREA, THERE IS VERY LITTLE MAGNETIC VARIATION ON THE CLAIM.
WORK DONE: GEOL 1:2500
MAGG 14.0 KM
SOIL 325;AU,AG,CU,AS
REFERENCES: A.R. 13569,14666

CALIFORNIA, WHY NOT, GLORIA KITTY, FORTY THIEVES, ARIZONA

MINING DIV: LILLOOET ASSESSMENT REPORT 14664 INFO CLASS 2
LOCATION: LAT. 50 50.0 LONG. 122 49.2 NTS: 92J/15W
CLAIMS: INCA, CROSSING, MAY, GOLDEN CALF, AZTEC, PESO GOLDEN GATE, PEACH, IMP. FR., REX FR., ARIZONA, MEXICO DEE, TOP, BERTA
OPERATOR: LEVON RES.
AUTHOR: FRIESEN, P.
COMMODITIES: GOLD, SILVER, COPPER, ZINC, MOLYBDENUM, TUNGSTEN
DESCRIPTION: PIONEER GREENSTONES AND SOME FERGUSSON BRIDGE RIVER SEDIMENTS ARE INTRUDED BY DIORITE AND SODA GRANITE. GOLDEN GATE, ARIZONA, URAL-FORTY THIEVES, CALIFORNIA AND WHYNOT VEINS ARE SUB-PARALLEL, TRENDING N15-30W AND DIPPING 45-60 DEGREES EAST. THE VEINS CONTAIN SUB-MARGINAL GOLD VALUES.
WORK DONE: SOIL 2159;MULTIELEMENT
SAMP 84;AU,AG
LINE 44.5 KM
TREN 513.0 M;51 TRENCHES
REFERENCES: A.R. 12305,12889,14664
M.I. 092JNE020-CALIFORNIA;092JNE021-WHY NOT; 092JNE022-GLORIA KITTY;092JNE023-FORTY THIEVES; 092JNE024-ARIZONA;092JNE025-GOLDEN GATE;092JNE 026-HAYLMORE

GSC MEM. 213

CORAL

MINING DIV: LILLOOET ASSESSMENT REPORT 14811 INFO CLASS 3
LOCATION: LAT. 50 55.0 LONG. 122 49.0 NTS: 92J/15W
CLAIMS: CORAL 1
OPERATOR: CORAL ENERGY
AUTHOR: ROBINS, J. COOKE, B.
DESCRIPTION: THE CORAL PROPERTY IS COMPLETELY COVERED BY UP TO 150 METRES OF GLACIAL OVERBURDEN, PROBABLY OUTWASH GRAVELS. SEVERAL BIOGEOCHEMICAL AND GEOPHYSICAL ANOMALIES ARE EVIDENT, BUT IT IS UNCERTAIN WHETHER THEY REFLECT OVERBURDEN MATERIAL OR THE SUBCROP.
WORK DONE: MAGG 12.8 KM
EMGR 12.8 KM;VLF
BIOG 375;MULTIELEMENT
REFERENCES: A.R. 14811

ELDORADO

MINING DIV: LILLOOET ASSESSMENT REPORT 14810 INFO CLASS 3
LOCATION: LAT. 50 56.0 LONG. 122 58.0 NTS: 92J/15W
CLAIMS: ELDORADO 3
OPERATOR: PIRATES GOLD
AUTHOR: KURAN, V.
DESCRIPTION: THE ELDORADO CLAIMS ARE CENTERED ON THE CONGRESS STRUCTURE FAULT ZONE WHICH EXTENDS 12 KILOMETRES SOUTHEAST TO THE CONGRESS AND MINTO MINES. THIS FAULT ZONE IS AN EXPLORATION TARGET FOR GOLD MINERALIZATION. THE CLAIMS ARE UNDERLAIN BY GRANODIORITE AND SEDIMENTARY ROCKS. GEOCHEMICAL RESULTS SHOW SINGLE SAMPLE SITE GOLD ANOMALIES. GEOPHYSICAL RESULTS SHOW A STRONG NORTHWEST-STRIKING CONDUCTOR THAT POSSIBLY REFLECTS THE CONGRESS STRUCTURE.
WORK DONE: EMGR 3.8 KM;VLF
SOIL 108;AG,AS,SB,AU
SILT 2;AG,AS,SB,AU
ROCK 11;AU,AG,AS,SB,CU,ZN
LINE 4.0 KM
REFERENCES: A.R. 13691,14810

ELEPHANT

MINING DIV: LILLOOET ASSESSMENT REPORT 14665 INFO CLASS 4
LOCATION: LAT. 50 49.8 LONG. 122 49.5 NTS: 92J/15W
CLAIMS: ELEPHANT
OPERATOR: LEVON RES.
AUTHOR: FRIESEN, P.
DESCRIPTION: PIONEER FORMATION? GREENSTONES ARE FLANKED BY SERPENTINE ON THE WEST. SEVERAL NORTHERLY TRENDING, SMALL QUARTZ VEINS HAVE BEEN FOUND ON THE PROPERTY. GEOCHEMICAL SOIL RESULTS INDICATE A NORTHERLY EXTENSION OF THE WHYNOT VEIN.
WORK DONE: SOIL 56;AU,AG,AS,CU
REFERENCES: A.R. 14665
GSC MEM. 213

FISH LAKE EXTENSION, PINE

MINING DIV: LILLOOET ASSESSMENT REPORT 14667 INFO CLASS 3
LOCATION: LAT. 50 49.9 LONG. 122 47.7 NTS: 92J/15W
CLAIMS: FISH LAKE EXT., PINE
OPERATOR: LEVON RES.
AUTHOR: YORSTON, P. FRIESEN, P.
DESCRIPTION: INTERMEDIATE TO MAFIC VOLCANIC FLOWS ARE IN CONTACT WITH CHERTY ARGILLITES OF THE BRIDGE RIVER (FERGUSSON) GROUP. PYRITE MINERALIZATION IS STRONGEST WITHIN THE VOLCANIC ROCKS AT THE CONTACT WITH THE SEDIMENTS BUT NO SIGNIFICANT GOLD VALUES WERE OBTAINED.
WORK DONE: GEOL 1:5000
EMGR 13.8 KM;VLF
SOIL 671;AU,AG,AS
REFERENCES: A.R. 12305,12889,14664,14665,14667

GUN CREEK

MINING DIV: LILLOOET ASSESSMENT REPORT 14864 INFO CLASS 4
LOCATION: LAT. 50 54.7 LONG. 122 55.0 NTS: 92J/15W
CLAIMS: SURREY, LYTTON, HIGH TOR 1-12, RED BLUFF 1-2
HIGH TOR 2 FR., GOLD PASS 10-15, HIGH TOR 5 FR.
OPERATOR: NOXE PETR.
AUTHOR: WALKER, J.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PERMO-TRIASSIC BRIDGE RIVER GROUP VOLCANICS AND SEDIMENTS. FOUR WEAKLY CONDUCTIVE RESPONSES ARE INDICATED BY THE VLF-ELECTROMAGNETIC RESULTS.
WORK DONE: MAGA 42.0 KM
EMAB 42.0 KM;VLF
REFERENCES: A.R. 8911,9927,13109,14864

ILSA, EROS

MINING DIV: LILLOOET ASSESSMENT REPORT 15343 INFO CLASS 4
LOCATION: LAT. 50 52.7 LONG. 122 45.8 NTS: 92J/15W
CLAIMS: ILSA, OMEN 4-6, EROS 1, EROS 4-5, BLUFF FR., ART FR. GOLDEN KNIGHT
OPERATOR: LODE RES.
AUTHOR: SCROGGINS, E.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PERMO-TRIASSIC BRIDGE RIVER GROUP SEDIMENTS AND VOLCANICS. ROCK CHIP SAMPLES RETURNED LOW MULTIELEMENT VALUES.
WORK DONE: GEOL 1:7500
SILT 1;MULTIELEMENT
ROCK 13;MULTIELEMENT
REFERENCES: A.R. 12276,15343

LAKE

MINING DIV: LILLOOET ASSESSMENT REPORT 15342 INFO CLASS 4
LOCATION: LAT. 50 52.3 LONG. 122 51.3 NTS: 92J/15W
CLAIMS: LAKE 1-3, LAKE 1 FR., LAKE 2 FR.
OPERATOR: AMAZON PETR.
AUTHOR: TOLBERT, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MIDDLE TRIASSIC BRIDGE RIVER GROUP VOLCANICS AND CHERTS INTRUDED BY FELDSPAR PORPHYRY AND HORNBLENDE PORPHYRY DYKES. CARBONATIZED, SILICIFIED AND CLAY ALTERED ZONES ASSOCIATED WITH SHEARS AND DYKES CARRY WEAK SPOTTY GOLD VALUES.
WORK DONE: GEOL 1:5000
ROCK 10;AU,AS
TOPO 1:5000
REFERENCES: A.R. 13953,15342

LAST CHANCE, DOME

MINING DIV: LILLOOET ASSESSMENT REPORT 15399 INFO CLASS 4
LOCATION: LAT. 50 56.8 LONG. 122 57.4 NTS: 92J/15W
CLAIMS: LAST CHANCE 1-8, LAST CHANCE FR., DOME 4-6, DOME FR. TRAIL 1-6, TRAIL 1 FR., TRAIL 2 FR.
OPERATOR: BERKLEY RES.
AUTHOR: COOKE, B.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC NORTHERLY TRENDING, STEEPLY DIPPING ANDESITIC VOLCANICS AND CLASTIC SEDIMENTS OF THE PIONEER AND HURLEY FORMATIONS WHICH ARE CROSSCUT BY NARROW QUARTZ-

CARBONATE VEINLETS CONTAINING MINOR GOLD VALUES. ANOMALOUS MAGNETIC AND VLF ELECTROMAGNETIC RESPONSES WERE IDENTIFIED. ONE HEAVY MINERAL STREAM SEDIMENT SAMPLE ASSAYED 620 PPB GOLD.

WORK DONE: EMGR 3.9 KM;VLF
HMIN 7;MULTIELEMENT
PROS 1:5000
REFERENCES: A.R. 11691,15399

LICK

MINING DIV: LILLOOET ASSESSMENT REPORT 15170 INFO CLASS 3
LOCATION: LAT. 50 55.8 LONG. 122 51.1 NTS: 92J/15W
CLAIMS: LICK 1
OPERATOR: BRAHMA RES.
AUTHOR: GAME, B.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY PERMO-TRIASSIC BRIDGE RIVER GROUP ROCKS CONSISTING OF THIN-BEDDED CHERT, CHERTY ARGILLITE AND GREENSTONE WITH MINOR LIMESTONE, SCHIST AND SERPENTINITE. SOIL GEOCHEMISTRY RETURNED ANOMALOUS LEAD, ZINC AND SILVER VALUES.
WORK DONE: GEOL 1:2500
SOIL 196;MULTIELEMENT
REFERENCES: A.R. 15170

LICK

MINING DIV: LILLOOET ASSESSMENT REPORT 15241 INFO CLASS 3
LOCATION: LAT. 50 56.5 LONG. 122 49.3 NTS: 92J/15W
CLAIMS: LICK 3
OPERATOR: BRAHMA RES.
AUTHOR: GAME, B.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY PERMO-TRIASSIC BRIDGE RIVER GROUP ROCKS CONSISTING OF THIN-BEDDED CHERT, CHERTY ARGILLITE AND GREENSTONE WITH MINOR LIMESTONE, SCHIST AND SERPENTINITE. SOIL GEOCHEMISTRY RESULTS RETURNED MODERATELY ANOMALOUS LEAD, ARSENIC AND ANTIMONY VALUES.
WORK DONE: GEOL 1:2500
SOIL 166;MULTIELEMENT
REFERENCES: A.R. 15241

LUCKY GEM, WIDE WEST, LUCKY STRIKE, NORTHERN LIGHT 1, TAYLOR BASIN

MINING DIV: LILLOOET ASSESSMENT REPORT 14812 INFO CLASS 3
LOCATION: LAT. 50 59.9 LONG. 122 53.0 NTS: 92J/15W 92O/ 2W
CLAIMS: URAL 4-7, LUCKY STRIKE FR, LUCKY STRIKE, HOMESTAKE NO. 4
BOB 3-6
OPERATOR: GOLDEN RULE RES.
AUTHOR: FOX, M.
COMMODITIES: GOLD
DESCRIPTION: THE GROUND MAGNETIC SURVEYS DELINEATED A COMPLEX OUTCROP/SUBCROP PATTERN OF A FLAT-LYING ULTRAMAFIC HORIZON IN THE TAYLOR BASIN AREA, AND A SERIES OF SILL-LIKE QUARTZ DIORITE INTRUSIVES CUT INTO SEGMENTS BY STEEPLY DIPPING FAULTS STRIKING NORTHEAST TO EAST IN THE ELDORADO AREA. SEVERAL ELECTROMAGNETIC CONDUCTORS COINCIDE WITH MAGNETIC ANOMALIES IN THREE SURVEY AREAS.
WORK DONE: MAGG 38.0 KM
EMGR 38.0 KM;VLF
LINE 38.0 KM
REFERENCES: A.R. 9062,11231,11930,11931,13666,14812
M.I. 092JNE032-LUCKY GEM;092JNE035-WIDE WEST;
092JNE045-LUCKY STRIKE;092JNE095-NORTHERN LIGHT 1;
092JNE100-TAYLOR BASIN;092JNE105-NORTHERN LIGHT 6;
092O 026-ROBSON;092O 073-PEARSON

NORMA

MINING DIV: LILLOOET ASSESSMENT REPORT 14794 INFO CLASS 3
LOCATION: LAT. 50 51.5 LONG. 122 47.5 NTS: 92J/15W
CLAIMS: NORMA
OPERATOR: BRAHMA RES.
AUTHOR: SAMPSON, C.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY THE PERMO-TRIASSIC BRIDGE RIVER GROUP CONSISTING OF SHEARED ANDESITES WITH INTERBEDDED CHERTS AND ARGILLITES. MODERATELY ANOMALOUS MULTIELEMENT SOIL VALUES OCCUR.
WORK DONE: GEOL 1:2000
SOIL 322;MULTIELEMENT
LINE 12.0 KM
REFERENCES: A.R. 14794

PATLO

MINING DIV: LILLOOET ASSESSMENT REPORT 15168 INFO CLASS 3
LOCATION: LAT. 50 57.0 LONG. 122 46.8 NTS: 92J/15W
CLAIMS: PATLO 1-2
OPERATOR: BRAHMA RES.
AUTHOR: GAME, B.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PERMO-TRIASSIC BRIDGE RIVER GROUP ROCKS CONSISTING OF THIN-BEDDED CHERT, CHERTY ARGILLITE AND GREENSTONE WITH MINOR LIMESTONE, SCHIST AND SERPENTINITE. SOIL GEOCHEMISTRY RETURNED ANOMALOUS ARSENIC AND ANTIMONY VALUES.
WORK DONE: GEOL 1:2500
SOIL 129;MULTIELEMENT
REFERENCES: A.R. 15168

PEACOCK

MINING DIV: LILLOOET ASSESSMENT REPORT 14769 INFO CLASS 2
LOCATION: LAT. 50 53.7 LONG. 122 51.0 NTS: 92J/15W
CLAIMS: PEACOCK 2
OPERATOR: KERRY MIN.
AUTHOR: SAMPSON, C.
DESCRIPTION: THE PEACOCK CLAIM IS UNDERLAIN BY PERMO-TRIASSIC BRIDGE RIVER GROUP ANDESITES AND CHERTS. THE GEOCHEMICAL SURVEY RETURNED ANOMALOUS MULTIELEMENT SOIL AND BIOGEOCHEMICAL VALUES.
WORK DONE: GEOL 1:2500
SOIL 1214;MULTIELEMENT
BIOG 1118;MULTIELEMENT
LINE 23.0 KM
REFERENCES: A.R. 13464,14769

PEACOCK

MINING DIV: LILLOOET ASSESSMENT REPORT 15384 INFO CLASS 3
LOCATION: LAT. 50 53.9 LONG. 122 52.8 NTS: 92J/15W
CLAIMS: PEACOCK 1, SELWYN FR.
OPERATOR: LEVON RES.
AUTHOR: COOKE, B. SANDBERG, T.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY CHERT AND BASALT OF THE PERMO-TRIASSIC BRIDGE RIVER GROUP, INTRUDED BY A GRANODIORITE PLUG OF THE UPPER CRETACEOUS COAST INTRUSIONS. ONE NARROW QUARTZ VEINLET CARRIES MINOR DISSEMINATED STIBNITE SURROUNDED BY PERVASIVE ANKERITE ALTERATION. THE GEOPHYSICAL SURVEY

IDENTIFIED SIX VLF-ELECTROMAGNETIC CONDUCTORS.
WORK DONE: GEOL 1:5000
MAGG 34.8 KM
EMGR 20.8 KM;VLF
SOIL 7;MULTIELEMENT
ROCK 5;MULTIELEMENT
REFERENCES: A.R. 13570,15384

ROSE GOLD

MINING DIV: LILLOOET ASSESSMENT REPORT 15390 INFO CLASS 4
LOCATION: LAT. 50 51.0 LONG. 122 55.0 NTS: 92J/15W
CLAIMS: ROSE GOLD
OPERATOR: INTEREX RES.
AUTHOR: LARUE, J.
DESCRIPTION: A TONGUE OF BRALORNE DIORITE INTRUDES RHYOLITE TO ANDESITE AND SEDIMENTARY ROCKS OF THE BRIDGE RIVER (FERGUSSON) GROUP. THE ROCKS ARE ALTERED AND PYRITIC. SOUTH OF THE ROSE GOLD PROPERTY THE VERITAS CLAIM PRODUCED LIMITED AMOUNT OF GOLD AND LEAD FROM A QUARTZ VEIN.
WORK DONE: EMGR 1.6 KM;VLF
SPOT 3.6 KM
LINE 3.6 KM
REFERENCES: A.R. 13922,15390

STIBNITE

MINING DIV: LILLOOET ASSESSMENT REPORT 14725 INFO CLASS 2
LOCATION: LAT. 50 46.5 LONG. 122 52.7 NTS: 92J/15W
CLAIMS: ORO 2-3, ORO 5
OPERATOR: VERONEX RES.
AUTHOR: ROBINS, J. COOKE, B.
COMMODITIES: ANTIMONY
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY INTERBEDDED ARGILLITES, SANDSTONES, LIMESTONES AND VOLCANICS OF THE TRIASSIC AGE HURLEY FORMATION INTRUDED BY HORNBLENDE PORPHYRY DYKES AND QUARTZ DIORITE STOCKS OF THE CRETACEOUS AGE COAST INTRUSIONS. QUARTZ VEINS WITH STIBNITE, CHALCOPYRITE AND PYRITE MINERALIZATION OCCUR IN THE QUARTZ DIORITE NEAR CONTACTS WITH THE SEDIMENTS AND VOLCANICS. THE NARROW VEINS ARE TOO SMALL AND LACK ANY GOLD VALUES TO BE OF ECONOMIC INTEREST.
WORK DONE: GEOL 1:2500,1:250
MAGG 18.0 KM

EMGR 18.0 KM;VLF
SOIL 800;MULTIELEMENT
ROCK 56;AU,AG,AS,SB,CU,ZN
LINE 18.0 KM
TREN 300.0 M;14 TRENCHES
REFERENCES: A.R. 332,8259,9375,12962,14725
M.I. 092JNE058-STIBNITE

VERITAS

MINING DIV: LILLOOET ASSESSMENT REPORT 14390 INFO CLASS 4
LOCATION: LAT. 50 50.5 LONG. 122 55.0 NTS: 92J/15W
CLAIMS: RANCH, VERITAS 5-6
OPERATOR: CORAL ENERGY
AUTHOR: SAMPSON, C.
COMMODITIES: GOLD, LEAD
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY THE BRIDGE RIVER GROUP, PIONEER AND HURLEY FORMATIONS WHICH HAVE BEEN INTRUDED BY BRALORNE DIORITES. THE VERITAS VEIN STRIKES NORTHWEST WITH STEEP TO VERTICAL DIPS AND IS EXPOSED BY FOUR ADITS. THE GEOCHEMICAL SURVEY REVEALED ISOLATED MULTIELEMENT SOIL ANOMALIES.
WORK DONE: SOIL 80;MULTIELEMENT
LINE 14.0 KM
REFERENCES: A.R. 14390
M.I. 092JNE031-VERITAS

VERITAS

MINING DIV: LILLOOET ASSESSMENT REPORT 15209 INFO CLASS 3
LOCATION: LAT. 50 50.4 LONG. 122 55.0 NTS: 92J/15W
CLAIMS: VERITAS, VERITAS 2, VERITAS 5, RANCH
OPERATOR: CORAL ENERGY
AUTHOR: COOKE, B. ROBINS, J.
COMMODITIES: GOLD, LEAD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTHWEST-STRIKING, STEEPLY SOUTHWEST DIPPING LIMEY SEDIMENTS OF THE UPPER TRIASSIC HURLEY FORMATION, ANDESITIC VOLCANICS OF THE UPPER TRIASSIC PIONEER FORMATION, INTRUDED BY DIORITE-GABBRO OF THE UPPER TRIASSIC BRALORNE INTRUSIONS AND FAULTED AGAINST SERPENTINIZED PERIDOTITE OF THE UPPER TRIASSIC PRESIDENT INTRUSIONS. TERTIARY? PORPHYRY AND LAMPROPHYRE DYKES CUT THE OLDER ROCKS AND A NARROW QUARTZ VEIN CARRIES MINOR DISSEMINATED PYRITE, ARSENOPYRITE, GALENA, TETRAHEDRITE AND GOLD. ANOMALOUS

GEOCHEMICAL AND GEOPHYSICAL RESULTS WERE OBTAINED.
WORK DONE: GEOL 1:2500
MAGG 7.0 KM
EMGR 20.0 KM;VLF
SOIL 475;MULTIELEMENT
LINE 22.0 KM
REFERENCES: A.R. 6971,11795,12853,14390,15209
M.I. 092JNE031-VERITAS

VICTORY

MINING DIV: LILLOOET ASSESSMENT REPORT 14892 INFO CLASS 4
LOCATION: LAT. 50 50.7 LONG. 122 54.5 NTS: 92J/15W
CLAIMS: VICTORY
OPERATOR: CHALICE MIN.
AUTHOR: HODGSON, S.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY ALTERED PERMO-TRIASSIC BRIDGE RIVER GROUP VOLCANICS THAT ARE INTRUDED BY DIORITE. BIOGEOCHEMICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: BIOG 14;AU,AS,HG,SB
REFERENCES: A.R. 8234,11660,14892

FUR

MINING DIV: LILLOOET ASSESSMENT REPORT 15397 INFO CLASS 3
LOCATION: LAT. 50 47.4 LONG. 122 16.3 NTS: 92J/16E 92J/16W
CLAIMS: FUR, BIRTHDAY, GOLDCREST
OPERATOR: KERR ADDISON MINES
AUTHOR: DALEY, F.
DESCRIPTION: A 100 TO 300 METRE WIDE TERTIARY QUARTZ SERICITE SCHIST HORIZON EXTENDS NORTHWEST ACROSS THE CLAIM GROUP. THE SCHIST OCCURS IN CLOSE PROXIMITY TO THE MARSHALL CREEK FAULT AND IS BOUNDED ON THE NORTH BY TERTIARY INTRUSIVES (GRANITE TO GRANODIORITE) AND TO THE SOUTH BY GREENSTONES, PHYLLITE AND MINOR LIMESTONE OF THE PERMO-TRIASSIC BRIDGE RIVER GROUP. MINERALIZATION WITHIN THE QUARTZ SERICITE SCHISTS CONSISTS OF QUARTZ-ARSENOPYRITE VEINS.
WORK DONE: GEOL 1:5000
SOIL 118;AU,AG,AS
ROCK 48;AU,AG,AS,SB
REFERENCES: A.R. 15397

PEMBERTON 92J

PAYSTRIP

MINING DIV: LILLOOET ASSESSMENT REPORT 14895 INFO CLASS 4
LOCATION: LAT. 50 48.8 LONG. 122 16.0 NTS: 92J/16W
CLAIMS: PAYSTRIP I
OPERATOR: KERR ADDISON MINES
AUTHOR: DALEY, F.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY A VARIETY OF INTRUSIVE ROCKS OF PROBABLE EOCENE AGE, WHICH FORM PART OF THE MISSION RIDGE PLUTON. ROCK SAMPLE RESULTS ARE LOW.
WORK DONE: ROCK 7;AU,AG,AS,SB
  PROS 1:5000
REFERENCES: A.R. 14895

BUTE INLET 92K

DON

MINING DIV: VANCOUVER ASSESSMENT REPORT 15167 INFO CLASS 3
LOCATION: LAT. 50 3.9 LONG. 124 3.0 NTS: 92K/ 1E
CLAIMS: DON 1-2
OPERATOR: COMINCO
AUTHOR: CASSELMAN, M.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A COMPOSITE BIOTITE PORPHYRY GRANITE STOCK OF PROBABLE EARLY TERTIARY AGE, CORED BY A QUARTZ FELDSPAR PORPHYRY GRANITE PHASE. THE STOCK INTRUDES GRANODIORITES AND DIORITES OF THE COAST PLUTONIC COMPLEX. THE QUARTZ FELDSPAR PORPHYRY GRANITE PHASE OF THE STOCK HOSTS THE BEST MOLYBDENITE-CHALCOPYRITE MINERALIZATION AND STRONGEST ALTERATION. SOIL GEOCHEMISTRY OUTLINED A BROAD AREA OF ANOMALOUS MOLYBDENUM VALUES.
WORK DONE: GEOL 1:5000
  SOIL 321;CU,MO
  ROCK 11;CU,MO
REFERENCES: A.R. 15167

ENID-JULIE, COMMONWEALTH, ALEXANDRIA, ALL UP

MINING DIV: VANCOUVER ASSESSMENT REPORT 14466 INFO CLASS 2
LOCATION: LAT. 50 29.7 LONG. 125 22.7 NTS: 92K/ 6W 92K/11W
CLAIMS: COG, BROKE, FOG 1-4, PEM, COHO, PICT, ALEX, JB, BULL COR, HEATHER, CHINOOK
OPERATOR: FALCONBRIDGE
AUTHOR: KICKS, K.
COMMODITIES: GOLD, SILVER, COPPER
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY NORTHWEST TRENDING BLOCKS OF TRIASSIC AND OLDER MIXED VOLCANICS AND SEDIMENTS BOUNDED BY GRANODIORITE OF THE COAST PLUTONIC COMPLEX. AN AURIFEROUS QUARTZ VEIN IN A SHEAR ZONE AT ALEXANDRIA MINE HAS 25600 TONNES AT 10.0 GRAMMES/TONNE GOLD ESTIMATED. MINERALIZED PROSPECTS AT THE ENID-JULIE WORKINGS, EMPRESS ADIT AND CHAMPION-COMMONWEALTH ADITS REQUIRE ADDITIONAL GEOCHEMICAL, GEOPHYSICAL, GEOLOGICAL AND DRILLING WORK.
WORK DONE: GEOL 1:10000,1:250
EMGR 200.0 KM
SOIL 1687;MULTIELEMENT
ROCK 440;MULTIELEMENT
UNDD 759.0 M;15 HOLES,AQ
SAMP 417;MULTIELEMENT
TOPO 1:10000,1:5000
REFERENCES: A.R. 6108,8287,10399,11839,12577,13864,14466
M.I. 092K 024-ENID/JULIE;092K 025-COMMONWEALTH;
092K 028-ALEXANDRIA;092K 054-ALL UP

LOUGHBOROUGH

MINING DIV: VANCOUVER ASSESSMENT REPORT 14908 INFO CLASS 4
LOCATION: LAT. 50 31.8 LONG. 125 31.2 NTS: 92K/12E
CLAIMS: DAY DREAM 1
OPERATOR: IRON RIVER RES.
AUTHOR: BRISTOW, J.
COMMODITIES: GOLD, SILVER, COPPER, CLAY
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY FAULTED AND FRACTURED INTRUSIVE ROCKS OF THE COAST PLUTONIC COMPLEX. GOLD-SILVER MINERALIZATION OCCURS IN NORTHEASTERLY STRIKING STEEPLY SOUTH-DIPPING SHEAR ZONES. MINERALIZATION CONSISTS OF PYRITE IN IRREGULAR QUARTZ VEINS FLANKED IN PART BY EITHER ALTERED ANDESITIC ROCKS AND/OR APLITE.
WORK DONE: MAGG 3.8 KM
SOIL 28;AU,AG
ROCK 6;AU,AG,TE

BUTE INLET 92K

LINE 3.8 KM
REFERENCES: A.R. 350,4492,14908
M.I. 092K 048-LOUGHBOROUGH

ALERT BAY 92L

WOSS LAKE 4, WOSS LAKE 2

MINING DIV: NANAIMO ASSESSMENT REPORT 14413 INFO CLASS 3
LOCATION: LAT. 50 7.0 LONG. 126 33.2 NTS: 92L/ 2E
CLAIMS: RIVIERA
OPERATOR: ARCHER MIN.
AUTHOR: THORPE, J.
COMMODITIES: COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LATE TRIASSIC KARMUTSEN VOLCANICS OF BASALTIC COMPOSITION AND ARE INTRUDED BY ASSUMED JURASSIC QUARTZ-FELDSPAR PORPHYRY DYKES RELATED TO THE ISLAND INTRUSIONS. NARROW QUARTZ VEINS ARE MINERALIZED WITH CHALCOPYRITE, PYRITE AND SPECULAR HEMATITE. ISOLATED ANOMALOUS GOLD AND COPPER SOIL VALUES OCCUR.
WORK DONE: SOIL 159;AU,CU
ROCK 18;AU,CU,AG
LINE 8.5 KM
REFERENCES: A.R. 663,4568,14413
M.I. 092L 064-WOSS LAKE 4;092L 065-WOSS LAKE 2

CHURCHILL, CAVALIER, ARTLISH, HILLER

MINING DIV: ALBERNI ASSESSMENT REPORT 14457 INFO CLASS 2
LOCATION: LAT. 50 4.4 LONG. 126 49.7 NTS: 92L/ 2W
CLAIMS: ZEB 1-12
OPERATOR: FALCONBRIDGE
AUTHOR: CHANDLER, T. PODOLSKY, G.
COMMODITIES: IRON, GOLD, COPPER, SILVER, LEAD, ZINC
DESCRIPTION: QUATSINO AND PARSON BAY LIMESTONES AND BONANZA ANDESITIC VOLCANICS WITH INTERBEDDED ARGILLITIES UNDERLIE THE CLAIMS. FOLDING IS MINIMAL AND BEDS DIP GENTLY TO THE SOUTHWEST. A 150 METRE LONG MAGNETITE SKARN ZONE WITH GOLD ASSOCIATIONS IS ENCLOSED BY, AND APPEARS CONFORMABLE WITHIN THE BONANZA FORMATION. SEVERAL ELECTROMAGNETIC CONDUCTORS AND MAGNETIC TRENDS HAVE BEEN IDENTI-

FIED FROM THE SURVEY.

WORK DONE: MAGA 340.0 KM
EMAB 340.0 KM;HLEM,VLF

REFERENCES: A.R. 433,8612,13665,14457
M.I. 092L 031-CHURCHILL;092L 032-CAVALIER; 092L 068-ARTLISH;092L 127-HILLER;092L 154-CHURCHILL

WHITEDOME

MINING DIV: ALBERNI ASSESSMENT REPORT 14508 INFO CLASS 4
LOCATION: LAT. 50 7.3 LONG. 126 52.8 NTS: 92L/ 2W
CLAIMS: WHITEDOME 1
OPERATOR: BILQUIST, R.
AUTHOR: BILQUIST, R.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY SEDIMENTS OF THE PARSON BAY FORMATION AND LIMESTONE OF THE QUATSINO FORMATION, ALL OF TRIASSIC AGE. QUARTZ STRINGERS, LOCAL SILICIFICATION AND PYRITIZATION OF THE SEDIMENTS HAVE BEEN NOTED.
WORK DONE: PROS 1:5000
REFERENCES: A.R. 8612,12327,14508

ECLIPSE

MINING DIV: ALBERNI ASSESSMENT REPORT 14744 INFO CLASS 4
LOCATION: LAT. 50 0.2 LONG. 127 5.0 NTS: 92L/ 3E 92L/14E
CLAIMS: DL 4
OPERATOR: CORTEZ EX.
AUTHOR: NORTHCOTE, K.
COMMODITIES: GOLD
DESCRIPTION: THE ECLIPSE PROSPECT LIES WITHIN POLYPHASE GRANODIORITE OF THE VANCOUVER ISLAND INTRUSIONS. NORTH TO NORTHEASTERLY TRENDING MULTI-GENERATION FRACTURES FOLLOW NARROW INTERRUPTED BASIC DYKES. THE MAIN ECLIPSE SHATTER SHEAR GOUGE ZONE IS A FRACTION OF A CENTIMETRE TO SEVERAL CENTIMETRES WIDE, FLANKED BY ZONES OF LESS INTENSE SHEARING EXTENDING A FEW CENTIMETRES TO SEVERAL METRES INTO THE WALL ROCK. HYDROTHERMAL SILICIFICATION, CHLORITIZATION, EPIDOTIZATION, BIOTIZATION WITH SULPHIDE, NATIVE GOLD AND BISMUTH TELLURIDE MINERALIZATION ACCOMPANIED ONE OR MORE OF THE EPISODES OF FRACTURING.
WORK DONE: GEOL 1:100
ROCK 25;AU,AG,ZN

REFERENCES: A.R. 14744
M.I. 092L 101-ECLIPSE

FIL

MINING DIV: ALBERNI ASSESSMENT REPORT 14369 INFO CLASS 3

LOCATION: LAT. 50 0.5 LONG. 127 6.1 NTS: 92L/ 3E 92L/ 3E

CLAIMS: CACHALOT GOLD, AMAI GOLD, PHIL MILL, NARROWGUT GOLD STONE NIPPLES, ADAM, REMARKABLE, MACHTA GOLD CONNOISSEUR

OPERATOR: CAL-DENVER RES.

AUTHOR: FRANZEN, J.

COMMODITIES: GOLD, COPPER, ZINC

DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY A THICK HOMOCLINAL SUCCESSION OF FLOWS AND PYROCLASTIC ROCKS OF THE LOWER JURASSIC BONANZA FORMATION INTRUDED BY OR IN FAULT CONTACT WITH JURASSIC GRANITOIDS. A NUMBER OF NARROW, HIGH GRADE, GOLD-QUARTZ VEINS ARE CONTAINED IN AND PARALLEL TO AN FELSITE AND LAMPROPHYRE DYKE SYSTEM THAT DEFINES A STEEP NORTHEAST TRENDING ZONE 15 METRES WIDE. SEVERAL GRAB AND CHANNEL SAMPLES RETURNED ORE GRADE GOLD VALUES OVER CONVENTIONAL MINING WIDTHS. SEVERAL ISOLATED GOLD SOIL ANOMALIES OCCUR.

WORK DONE: GEOL 1:5000,1:2000,1:200
ROCK 179;AU,AG,CU,ZN
HMIN 19;MULTIELEMENT
TOPO 1:2000
SOIL 240;AU

REFERENCES: A.R. 7062,14369
M.I. 092L 033-FIL

FIL, ECLIPSE

MINING DIV: ALBERNI ASSESSMENT REPORT 15079 INFO CLASS 3

LOCATION: LAT. 50 0.6 LONG. 127 6.1 NTS: 92L/ 3E

CLAIMS: AMAI, CACHALOT

OPERATOR: CORTEZ EX.

AUTHOR: POLONI, J.

COMMODITIES: GOLD, SILVER, COPPER, ZINC

DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY KARMUTSEN-BONANZA VOLCANIC ROCKS AND QUARTZ DIORITE-MONZONITE INTRUSIVES OF JURASSIC AGE. QUARTZ VEINS WITH GOLD AND SILVER VALUES OCCUR IN SHEAR ZONES.

WORK DONE: GEOL 1:2000
SOIL 293;AU,AG,CU,ZN

ROCK 44;AU,AG,CU,ZN
HMIN 34;MULTIELEMENT
DIAD 550.0 M;6 HOLES,BDB
SAMP 39;AU,AG
REFERENCES: A.R. 7062,14369,14744,15079
M.I. 092L 033-FIL;092L 101-ECLIPSE

SCRUTOR GOLD

MINING DIV: ALBERNI ASSESSMENT REPORT 14618 INFO CLASS 3
LOCATION: LAT. 50 8.8 LONG. 127 2.3 NTS: 92L/ 3E
CLAIMS: SCRUTOR GOLD 1, SCRUTOR GOLD 2, SCRUTOR GOLD 3
OPERATOR: MINEQUEST EX. ASSOC.
AUTHOR: LONGE, R.
COMMODITIES: GOLD, SILVER, ZINC
DESCRIPTION: ANDESITE AND RHYOLITE, REPORTED (MULLER, 1977) BELONGING TO THE JURASSIC BONANZA GROUP, CONTAIN TWO PROMISING ZONES: IN ONE, GOLD OCCURS IN A PYRITIFEROUS RHYOLITE BRECCIA AND IN MASSIVE SULPHIDE VEINS AND IN THE OTHER ZONE, SPHALERITE IS FOUND IN VEINLETS IN RHYOLITE FLOAT. THE STRUCTURAL TREND IS NORTHERLY TO NORTHWESTERLY AND STEEPLY DIPPING.
WORK DONE: GEOL 1:2500
SILT 14;MULTIELEMENT
ROCK 46;MULTIELEMENT
REFERENCES: A.R. 14618
M.I. 092L 100-SCRUTOR GOLD

LEO DOR

MINING DIV: NANAIMO ASSESSMENT REPORT 14937 INFO CLASS 4
LOCATION: LAT. 50 23.7 LONG. 126 47.9 NTS: 92L/ 7W
CLAIMS: LEO DOR
OPERATOR: MADARI, M.
AUTHOR: GAME, B. STEVENSON, J.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY VOLCANIC AND SEDIMENTARY ROCKS OF THE UPPER TRIASSIC VANCOUVER GROUP. MINOR DISSEMINATED PYRITE OCCURS IN THE VOLCANICS.
WORK DONE: PROS 1:6000
REFERENCES: A.R. 14937

LORENA

MINING DIV: NANAIMO ASSESSMENT REPORT 15230 INFO CLASS 4
LOCATION: LAT. 50 31.0 LONG. 126 55.1 NTS: 92L/10W
CLAIMS: NIMROD 2, NIMROD 4, NIMROD 6
OPERATOR: GRANADA EX.
AUTHOR: SADLIER-BROWN, T
COMMODITIES: COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC KARMUTSEN FORMATION BASALTS AND UPPER TRIASSIC QUATSINO FORMATION LIMESTONE. MASSIVE SPHALERITE, PYRITE AND GALENA OCCUR IN BRECCIATED AND FOLDED QUATSINO FORMATION LIMESTONE IN THE CENTRAL PART OF THE REN CLAIM. SOIL GEOCHEMISTRY RESULTS ARE INCONCLUSIVE.
WORK DONE: SOIL 9;MULTIELEMENT
REFERENCES: A.R. 4596,8285,12764,15230
M.I. 092L 262-LORENA

HAR

MINING DIV: NANAIMO ASSESSMENT REPORT 15367 INFO CLASS 3
LOCATION: LAT. 50 34.3 LONG. 127 24.6 NTS: 92L/11W
CLAIMS: MARY, SUN, MOON
OPERATOR: UTAH MINES
AUTHOR: FLEMING, J.
COMMODITIES: COPPER
DESCRIPTION: THE UPPER TRIASSIC AND LOWER JURASSIC VOLCANIC AND SEDIMENTARY SUCCESSION OF THE VANCOUVER AND BONANZA GROUPS UNDERLIE THE AREA. PORPHYRY DYKES BELIEVED LINKED TO THE RUPERT STOCK EXTEND EAST FROM RUPERT INLET. FROM SOUTH TO NORTH THE UNDERLYING SUCCESSION, DIPPING GENTLY SOUTHWARD, FROM TOP TO BOTTOM, IS THE BONANZA GROUP PYROCLASTIC VOLCANICS, PARSON BAY FORMATION CALCAREOUS SILTSTONES, SHALES, AND LIMESTONE WITH SHALEY INTERBEDS, QUATSINO FORMATION LIMESTONE AND KARMUTSEN FORMATION AMYGDALOIDAL BASALT. SOIL GEOCHEMISTRY IDENTIFIED A LARGE NUMBER OF LOW TO MODERATE SINGLE ELEMENT MOLYBDENUM ANOMALIES.
WORK DONE: SOIL 190;MULTIELEMENT
REFERENCES: A.R. 648,1621A,1621B,1681,2190,2514,2515,2607, 2658,2659,6270,14393,15077,15367
M.I. 092L 173-HAR

MARS, PLUTO

MINING DIV: NANAIMO ASSESSMENT REPORT 15024 INFO CLASS 3
LOCATION: LAT. 50 36.3 LONG. 127 21.8 NTS: 92L/11W
CLAIMS: VENUS, PLUTO, MARS, WAAS
OPERATOR: UTAH MINES
AUTHOR: FLEMING, J.
DESCRIPTION: THE UPPER TRIASSIC AND LOWER JURASSIC VOLCANIC AND SEDIMENTARY SUCCESSION OF THE VANCOUVER AND BONANZA GROUPS RESPECTIVELY, UNDERLIE THE AREA. PORPHYRY DYKES BELIEVED LINKED TO THE RUPERT STOCK EXTEND EAST INTO THE AREA. FROM SOUTH TO NORTH THE UNDERLYING SUCCESSION DIPS GENTLY SOUTHWARD AND FROM TOP TO BOTTOM CONSISTS OF BONANZA GROUP PYROCLASTIC VOLCANICS, PARSON BAY FORMATION CALCAREOUS SILTSTONES, SHALES AND LIMESTONE, QUATSINO FORMATION LIMESTONE AND KARMUTSEN FORMATION AMYGDALOIDAL BASALT. SEVERAL MULTIELEMENT SOIL ANOMALIES HAVE BEEN OUTLINED.
WORK DONE: SOIL 505;MULTIELEMENT
REFERENCES: A.R. 14234,15024

RUPERT

MINING DIV: NANAIMO ASSESSMENT REPORT 14393 INFO CLASS 3
LOCATION: LAT. 50 36.2 LONG. 127 24.5 NTS: 92L/11W
CLAIMS: RUPERT 4
OPERATOR: UTAH MINES
AUTHOR: CLARKE, G.
COMMODITIES: COPPER
DESCRIPTION: THE AREA IS UNDERLAIN BY THE UPPER TRIASSIC TO LOWER JURASSIC VOLCANIC AND SEDIMENTARY SUCCESSION OF THE PARSON BAY AND BONANZA FORMATIONS. INTRUDING THIS; SOME HUNDREDS OF FEET SOUTH OF THE HOLE IS THE MIDDLE JURASSIC GRANODIORITIC "RUPERT" STOCK. HYDROTHERMAL AND/OR METASOMATIC ALTERATIONS ASSOCIATED WITH THE INTRUSION ARE MINIMAL IN THIS AREA.
WORK DONE: DIAD 169.5 M;1 HOLE,NQ
SAMP 9;CU,MO,FE
REFERENCES: A.R. 2638,2659,6270,14393
M.I. 092L 273-EXPO

SUN, STAR, MOON, MARS

MINING DIV: NANAIMO ASSESSMENT REPORT 15077 INFO CLASS 3
LOCATION: LAT. 50 36.0 LONG. 127 22.0 NTS: 92L/11W
CLAIMS: SUN, STAR, LAMB, MOON, EXPO 29-30, EXPO 32, EXPO 51 EXPO 1 FR., RUPERT 18
OPERATOR: UTAH MINES
AUTHOR: FLEMING, J.
DESCRIPTION: THE UPPER TRIASSIC AND LOWER JURASSIC VOLCANIC AND SEDIMENTARY SUCCESSION OF THE VANCOUVER AND BONANZA GROUPS UNDERLIE THE AREA. PORPHYRY DYKES BELIEVED LINKED TO THE RUPERT STOCK EXTEND EAST OF THE AREA. FROM SOUTH TO NORTH THE UNDERLYING SUCCESSION, DIPPING GENTLY SOUTHWARD, FROM TOP TO BOTTOM IS THE BONANZA GROUP PYROCLASTIC AND VOLCANICS. PARSON BAY CALCAREOUS SILTSTONES, SHALES AND LIMESTONE WITH SHALEY INTERBEDS, QUATSINO LIMESTONE AND KARMUTSEN AMYGDALOIDAL BASALT. MINERALIZATION HAS NOT BEEN DETECTED IN THE IMMEDIATE AREA.
WORK DONE: SOIL 279;MULTIELEMENT
REFERENCES: A.R. 2658,2659,6270,15077

EXPO

MINING DIV: NANAIMO ASSESSMENT REPORT 14394 INFO CLASS 3
LOCATION: LAT. 50 38.2 LONG. 127 46.2 NTS: 92L/12W
CLAIMS: EXPO 548, EXPO 558, PEMBERTON 2
OPERATOR: UTAH MINES
AUTHOR: RICHARDS, J.
COMMODITIES: COPPER, MOLYBDENUM
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY JURASSIC BONANZA VOLCANICS CONSISTING OF ANDESITIC PYROCLASTICS THAT HAVE BEEN STRONGLY ALTERED, LEAVING A SILICEOUS ZONE. ALTERATION IS THOUGHT TO BE DUE TO ACID LEACHING FROM OXIDATION OF PRIMARY PYRITE.
WORK DONE: DIAD 605.9 M;3 HOLES,NQ
SAMP 203;MULTIELEMENT
REFERENCES: A.R. 2190,3402,4000,4754,14394
M.I. 092L 240-EXPO

MOUNT WADDINGTON 92N

ALEXIS

MINING DIV: CLINTON ASSESSMENT REPORT 15266 INFO CLASS 4
LOCATION: LAT. 51 22.6 LONG. 124 12.9 NTS: 92N/ 8E
CLAIMS: ALEXIS 1-2
OPERATOR: EASTFIELD RES.
AUTHOR: MORTON, J.
COMMODITIES: MERCURY, ANTIMONY, COPPER, SILVER
DESCRIPTION: UPPER CRETACEOUS VOLCANICS AND CLASTIC SEDIMENTS ARE BRECCIATED, CARBONATIZED, SILICIFIED AND VARIABLY MINERALIZED BY COPPER, MERCURY, ANTIMONY, ARSENIC AND GOLD.
WORK DONE: SILT 2;CU,MO,AG,HG,AU,SB
ROCK 6;CU,MO,AG,HG,AU,SB
REFERENCES: A.R. 9535,10608,11661,11934,13892,15266
M.I. 092N 045-ALEXIS

TASEKO LAKES 920

STIRRUP

MINING DIV: CLINTON ASSESSMENT REPORT 15176 INFO CLASS 4
LOCATION: LAT. 51 6.2 LONG. 122 11.4 NTS: 920/ 1E
CLAIMS: STIRRUP
OPERATOR: HORNE, E.
AUTHOR: MEYERS, E.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY SEDIMENTS OF THE LOWER CRETACEOUS JACKASS MOUNTAIN GROUP. GEOCHEMICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: SOIL 14;AU
ROCK 4;AU
REFERENCES: A.R. 12786,15176

COLT

MINING DIV: LILLOOET ASSESSMENT REPORT 15029 INFO CLASS 3
LOCATION: LAT. 51 9.2 LONG. 122 36.2 NTS: 920/ 2E
CLAIMS: POISON SE, POISON SW, POISON NW, POISON NE
OPERATOR: PRINCETON RES.
AUTHOR: SHEARING, R.

COMMODITIES: ANTIMONY
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY TWO LARGE EOCENE QUARTZ-FELDSPAR PORPHYRY INTRUSIONS EMPLACED INTO COARSE, POORLY SORTED GREYWACKE OF THE LOWER CRETACEOUS JACKASS MOUNTAIN GROUP. ARGILLIC ALTERATION OCCURS NEAR THE INTRUSIVE - SEDIMENT CONTACT. COINCIDENT COPPER-GOLD SOIL ANOMALIES WERE IDENTIFIED.
WORK DONE: GEOL 1:10000,1:2500
MAGG 21.0 KM
SOIL 604;CU,MO,AU,AG
LINE 44.5 KM
REFERENCES: A.R. 926,968,8180,9726,15029
M.I. 0920 061-COLT

EH

MINING DIV: CLINTON ASSESSMENT REPORT 15324 INFO CLASS 3
LOCATION: LAT. 51 15.7 LONG. 122 31.4 NTS: 920/ 2E 920/ 7E
CLAIMS: EH 1, EH 3, EH 5-6
OPERATOR: WHITE, G.
AUTHOR: BUTTERWORTH, B. FREEZE, J.
DESCRIPTION: OLIGOCENE-EOCENE BASALTIC TO RHYOLITIC TUFFS, BRECCIAS, AND FLOWS OF THE CHILCOTIN GROUP ARE IN FAULT CONTACT WITH LOWER CRETACEOUS BOULDER-PEBBLE CONGLOMERATES AND LITHIC WACKES OF THE JACKASS MOUNTAIN GROUP. TRACE CONCENTRATIONS OF GOLD OCCUR IN QUARTZ-CHALCEDONY-CALCITE VEINS WITHIN RHYOLITE AND DACITIC ANDESITE.
WORK DONE: GEOL 1:10000
SOIL 97;MULTIELEMENT
SILT 9;MULTIELEMENT
ROCK 10;MULTIELEMENT
HMIN 6;MULTIELEMENT
REFERENCES: A.R. 12883,14047,15324

BONANZA, PEARSON

MINING DIV: LILLOOET ASSESSMENT REPORT 14428 INFO CLASS 2
LOCATION: LAT. 51 0.2 LONG. 122 54.0 NTS: 920/ 2W
CLAIMS: JG 1-7, HI GRADE FR., ANN, ANN 1, A2-A8, B1-B8
OPERATOR: CINNABAR RES.
AUTHOR: CHRISTOPHER, P.
COMMODITIES: GOLD, SILVER, ANTIMONY, LEAD, COPPER, ZINC
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY ARGILLITES, CONGLOMERATES AND LIMESTONES OF THE UPPER TRIASSIC HURLEY FORMATION AND HORNBLENDE-BIOTITE

QUARTZ DIORITE TO GRANODIORITE OF PROBABLE LATE CRETACEOUS OR EARLY TERTIARY AGE. A SMALL BODY OF PERMO-TRIASSIC BRIDGE RIVER GROUP SERPENTIZED ULTRAMAFICS OCCUR IN THE SOUTH CENTRAL PART OF THE PROPERTY. ARSENOPYRITE, STIBNITE AND JAMESINITE VEINS WITH GOLD AND SILVER VALUES OCCUR ON THE PROPERTY. THE GEOCHEMICAL AND GEOPHYSICAL SURVEYS HAVE FURTHER DEFINED ANOMALOUS GOLD ZONES IN SOILS AND TALUS FINES AND HAVE OUTLINED POSSIBLE MINERALIZED STRUCTURES.

WORK DONE: MAGG 19.0 KM
EMGR 19.0 KM;VLF
SOIL 715;AU,AG,PB,SB
SILT 2;AU,AG,PB,SB
ROCK 33;AU,AG,PB,SB
PETR 1
REFERENCES: A.R. 5659,6002,9062,11231,11930,11931,13666,14428
M.I. 0920 026-BONANZA;0920 073-PEARSON

BONANZA, PEARSON

MINING DIV: LILLOOET ASSESSMENT REPORT 15119 INFO CLASS 3
LOCATION: LAT. 51 1.7 LONG. 122 55.3 NTS: 920/ 2W
CLAIMS: K2
OPERATOR: CINNABAR RES.
AUTHOR: CHRISTOPHER, P.
COMMODITIES: GOLD, SILVER, ANTIMONY, LEAD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC HURLEY FORMATION SEDIMENTS AND VOLCANICS, UPPER CRETACEOUS-TERTIARY QUARTZ DIORITE AND GRANODIORITE AND PERMO-TRIASSIC BRIDGE RIVER GROUP SERPENTINIZED ULTRAMAFICS. MINERALIZATION CONSISTS OF PYRITE-QUARTZ-ARSENOPYRITE-STIBNITE VEINS THAT OCCUR IN SHEAR ZONES.
WORK DONE: DIAD 152.3 M;5 HOLES,IAQ
SAMP 71;AU,AG
REFERENCES: A.R. 5659,6002,15119
M.I. 0920 026-BONANZA;0920 073-PEARSON

EVA, AVE

MINING DIV: LILLOOET ASSESSMENT REPORT 14932 INFO CLASS 2
LOCATION: LAT. 51 1.0 LONG. 122 50.5 NTS: 920/ 2W 920/ 2W
CLAIMS: AVE 3-6, EVA 2-3, EVA 5, EVA 10, EVA 13, EVA 15, EVA 18
EVA 20-21
OPERATOR: HILLSIDE ENERGY
AUTHOR: CROFT, S.

DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A COMPLEX SEQUENCE OF MESOZOIC AGE SEDIMENTARY AND VOLCANIC ROCKS WHICH HAVE BEEN SUBJECTED TO FAULTING, FOLDING AND INTRUSION BY UPPER MESOZOIC AND CENOZOIC AGE GRANITIC AND BASALTIC STOCKS AND DYKES. STRONG GOLD SOIL VALUES (UP TO 5000 PPB) HAVE BEEN IDENTIFIED IN ALTERED HURLEY GROUP SEDIMENTARY ROCKS ASSOCIATED WITH GRANITIC DYKES IN THE VICINITY OF A MAJOR FRACTURE SYSTEM.

WORK DONE: SOIL 1260;AU

REFERENCES: A.R. 12496,13709,14932

ALPHA

MINING DIV: CLINTON ASSESSMENT REPORT 14662 INFO CLASS 3
LOCATION: LAT. 51 14.2 LONG. 123 6.0 NTS: 920/ 3E
CLAIMS: ALPHA 1-4
OPERATOR: CATER ENERGY
AUTHOR: BLUSSON, S.

DESCRIPTION: THE ALPHA CLAIM GROUP IS UNDERLAIN BY CRETACEOUS CLASTIC SEDIMENTS, WHICH ARE INTRUDED BY EOCENE SILLS AND DYKES. SEVERAL NORTHWESTERLY TRENDING Y ALTERATION ZONES ARE PRESENT. NO MINERALIZATION OF ECONOMIC SIGNIFICANCE WAS NOTED. HEAVY MINERAL STREAM SAMPLING PRODUCED SIGNIFICANT GOLD AND SILVER VALUES.

WORK DONE: SOIL 154;AG,AS,SB,AU,HG
SILT 15;AG,AS,SB,AU
ROCK 28;AG,AS,SB,AU

REFERENCES: A.R. 9229,9950,14662

WARNER

MINING DIV: LILLOOET ASSESSMENT REPORT 14936 INFO CLASS 2
LOCATION: LAT. 51 3.1 LONG. 123 12.8 NTS: 920/ 3E
CLAIMS: WARNER 1-4
OPERATOR: UTAH MINES
AUTHOR: DUNCAN, D. ORD, R.
COMMODITIES: SILVER, COPPER, ANTIMONY, MERCURY, ZINC

DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A PACKAGE OF BASALTIC TO RHYOLITIC VOLCANICS WHICH HAVE BEEN TENTATIVELY CORRELATED TO THE UPPER CRETACEOUS KINGSVALE GROUP. THESE ROCKS HAVE BEEN COMPLEXLY FAULTED AND ARE INTRUDED BY THE COAST RANGE BATHOLITH AND BY NUMEROUS DYKES, SILLS AND PLUGS OF VARYING COMPOSITION. MINERALIZATION CONSISTS OF FREIBERGITE, PYRITE, SPHALERITE, CINNABAR AND STIBNITE

IN A SILICEOUS STOCKWORK AND QUARTZ VEIN SYSTEM WITHIN ANDESITIC VOLCANICS.
WORK DONE: GEOL 1:5000,1:2500
MAGG 27.8 KM
EMGR 27.8 KM;VLF
SOIL 838;MULTIELEMENT
ROCK 174;MULTIELEMENT
ROCK 14;WHOLE ROCK
PETR 108;THIN SECTIONS
LINE 25.5 KM
REFERENCES: A.R. 8472,13742,14936
M.I. 092O 093-WARNER;092O 094-BK;092O 095-PORPHYRY

BLUFF

MINING DIV: CLINTON ASSESSMENT REPORT 14629 INFO CLASS 4
LOCATION: LAT. 51 7.4 LONG. 123 19.0 NTS: 92O/ 3W
CLAIMS: BLUFF 9-10
OPERATOR: WESTMIN RES.
AUTHOR: LANE, R.
DESCRIPTION: THE GEOLOGY CONSISTS OF UPPER CRETACEOUS KINGSVALE ANDESITE PYROCLASTICS, PRINCIPALLY FINE TO COARSE LITHIC TUFFS AND CRYSTAL TUFFS, WHICH ARE INTERCALATED WITH LESSER AMOUNTS OF ANDESITE FLOWS. MINOR AMOUNTS OF FOSSILIFEROUS SEDIMENTARY ROCKS OCCUR IN A FEW LOCATIONS. THE STRATA STRIKE EAST-WEST AND DIP 20 DEGREES NORTH.
WORK DONE: SOIL 51;CU,PB,AG,AU
TREN 4.0 M
REFERENCES: A.R. 2803,3270,11696,14629

RAE CREEK

MINING DIV: CLINTON ASSESSMENT REPORT 14902 INFO CLASS 3
LOCATION: LAT. 51 6.4 LONG. 123 17.1 NTS: 92O/ 3W
CLAIMS: BLUFF 12, BLUFF 17, AN, AN 2, AN 4
OPERATOR: WESTMIN RES.
AUTHOR: LANE, R.
COMMODITIES: IRON
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY UPPER CRETACEOUS KINGSVALE GROUP ANDESITE PYROCLASTICS, PRINCIPALLY TUFFS, WHICH ARE INTERCALATED WITH LESSER AMOUNTS OF ANDESITE FLOWS. MINOR AMOUNTS OF FOSSILIFEROUS SEDIMENTARY ROCKS OCCUR IN A FEW ISOLATED LOCATIONS. ANOMALOUS ANTIMONY AND MERCURY OCCUR IN SOILS.

WORK DONE: SOIL 479;SB,HG
REFERENCES: A.R. 2803,3270,10191,11696,14629,14901,14902
M.I. 0920 006-RAE CREEK

TAYLOR-WINDFALL

MINING DIV: CLINTON ASSESSMENT REPORT 14901 INFO CLASS 3
LOCATION: LAT. 51 6.5 LONG. 123 20.2 NTS: 920/ 3W
CLAIMS: WINDFALL 2
OPERATOR: WESTMIN RES.
AUTHOR: LANE, R.
COMMODITIES: GOLD, SILVER, COPPER, LEAD, ZINC, TALC
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER CRETACEOUS KINGSVALE GROUP ANDESITE PYROCLASTICS, PRINCIPALLY TUFFS, WHICH ARE INTERCALATED WITH LESSER AMOUNTS OF ANDESITE FLOWS. MINOR AMOUNTS OF FOSSILIFEROUS SEDIMENTARY ROCKS OCCUR IN A FEW ISOLATED LOCATIONS. THE OBJECTIVE OF THE PROGRAM WAS TO TEST PREVIOUS DRILL HOLE RESULTS BUT THE CURRENT DRILL HOLES INTERSECTED UNENCOURAGING GOLD AND SILVER VALUES.
WORK DONE: DIAD 281.5 M;2 HOLES,HQ
SAMP 119;AU,AG
REFERENCES: A.R. 2226A,2803,2874,3270,10191,11696,14629,14901,14902
M.I. 0920 028-TAYLOR-WINDFALL

VICK

MINING DIV: CLINTON ASSESSMENT REPORT 14615 INFO CLASS 4
LOCATION: LAT. 51 22.0 LONG. 123 40.0 NTS: 920/ 5E
CLAIMS: VIC
OPERATOR: STRYKER RES.
AUTHOR: PERKINS, D.
COMMODITIES: GOLD
DESCRIPTION: THE VIC GROUP OF CLAIMS COVER A THICK SEQUENCE OF CRETACEOUS ANDESITES, TUFFS AND MASSIVE FLOW BRECCIAS THAT STRIKE NORTHERLY AND DIP SHALLOWLY TO THE WEST. STEEPLY DIPPING NARROW QUARTZ VEINS CUT THIS SEQUENCE AND CONTAIN DISCONTINUOUS BUT OCCASIONALLY HIGH GOLD VALUES AND MINOR SILVER AND COPPER MINERALIZATION.
WORK DONE: MAGG 0.7 KM
EMGR 0.7 KM;VLF
REFERENCES: A.R. 12279,13492,13942,14615
M.I. 0920 027-VICK

BORIN

MINING DIV: CLINTON ASSESSMENT REPORT 14360 INFO CLASS 3
LOCATION: LAT. 51 21.5 LONG. 122 32.0 NTS: 920/ 7E
CLAIMS: REBORIN, BORIN 1-11
OPERATOR: GOLDQUEST I
AUTHOR: GOURLAY, A.
DESCRIPTION: THE CLAIMS ARE PREDOMINANTLY UNDERLAIN BY MIOCENE-OLIGOCENE CONGLOMERATE, SHALE AND SANDSTONE. IN THE NORTH HALF OF THE CLAIM BLOCK, THE GEOLOGY CONSISTS OF UPPER CRETACEOUS SILTSTONE, GREYWACKE AND CONGLOMERATE OVERLAIN BY EOCENE RHYOLITIC FLOWS AND BRECCIAS, SEDIMENTS AND OLIVINE BASALTS. AN APPARENT VLF ELECTROMAGNETIC ZONE WAS OUTLINED.
WORK DONE: EMGR 13.0 KM;VLF
REFERENCES: A.R. 14360

KING

MINING DIV: CLINTON ASSESSMENT REPORT 14944 INFO CLASS 3
LOCATION: LAT. 51 21.9 LONG. 122 33.5 NTS: 920/ 7E
CLAIMS: KING 4
OPERATOR: GOLDQUEST I
AUTHOR: GOURLAY, A.
DESCRIPTION: TERTIARY VOLCANICS AND SEDIMENTS UNCONFORMABLY OVERLIE CRETACEOUS INTRUSIVES. AN AREA OF CONDUCTIVE BEDROCK HAS BEEN OUTLINED FROM THE VLF ELECTROMAGNETIC SURVEY.
WORK DONE: EMGR 12.5 KM;VLF
REFERENCES: A.R. 12662,13395,14944

MINT

MINING DIV: CLINTON ASSESSMENT REPORT 14945 INFO CLASS 3
LOCATION: LAT. 51 22.3 LONG. 122 30.0 NTS: 920/ 7E 920/ 8W
CLAIMS: MINT 1, MINT 4
OPERATOR: GOLDQUEST I
AUTHOR: GOURLAY, A.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY EOCENE RHYOLITIC FLOWS AND BRECCIAS. THE VLF ELECTROMAGNETIC SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: EMGR 12.5 KM;VLF
REFERENCES: A.R. 12609,14945

CP

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14512 INFO CLASS 4
LOCATION: LAT. 51 10.0 LONG. 120 14.9 NTS: 92P/ 1E 92P/ 1W
CLAIMS: GOLDWIN, GOLDLURE
OPERATOR: GOLDENROD RES.
AUTHOR: FREEZE, J.
COMMODITIES: COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY ARGILLITES, DOLOMITES, VOLCANIC ARENITES, GRANODIORITES AND HORNBLENDITES BELONGING TO THE PENNSYLVANIAN-PERMIAN CACHE CREEK GROUP WHICH IS INTRUDED BY MEDIUM GRAINED GRANODIORITE AND HORNBLENDE ANDESITE OF TRIASSIC TO MIDDLE JURASSIC AGE. THE GEOCHEMICAL SURVEY REVEALED LOW METAL CONTENT IN SOIL AND ROCKS.
WORK DONE: GEOL 1:10000
SOIL 54;MULTIELEMENT
SILT 1;MULTIELEMENT
ROCK 7;CU,PB,ZN,AG,AU
REFERENCES: A.R. 3816,14512
M.I. 092P 102-CP

FC

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15248 INFO CLASS 2
LOCATION: LAT. 51 9.3 LONG. 120 6.0 NTS: 92P/ 1E
CLAIMS: FC
OPERATOR: CUTTY RES.
AUTHOR: PIRIE, I.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY BASALTS AND SEDIMENTS OF THE DEVONIAN-MISSISSIPPIAN EAGLE BAY FORMATION. ALL ROCK UNITS ARE STRONGLY FOLDED AND PLUNGE TO THE NORTH. SOIL GEOCHEMISTRY RETURNED ANOMALOUS MULTIELEMENT VALUES.
WORK DONE: SOIL 1292;MULTIELEMENT
LINE 10.4 KM
REFERENCES: A.R. 7855,15248

GOLDHILL

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14509 INFO CLASS 3
LOCATION: LAT. 51 6.5 LONG. 120 12.4 NTS: 92P/ 1E
CLAIMS: GOLDHILL, GOLDPIPE
OPERATOR: SPEARHEAD RES.
AUTHOR: FREEZE, J.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PENNSYLVANIAN-PERMIAN ARGILLITES, GREYWACKES AND VOLCANICS WHICH ARE OVERLAIN BY TERTIARY SKULL HILL FORMATION VOLCANICS. THE SOIL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: GEOL 1:2500
SOIL 88;MULTIELEMENT
ROCK 4;CU,PB,ZN,AG,AU
REFERENCES: A.R. 14509

MYSTERY GOLD, GOLDMIST

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14846 INFO CLASS 2
LOCATION: LAT. 51 6.8 LONG. 120 15.3 NTS: 92P/ 1E 92P/ 1W
CLAIMS: GOLDMIST 1-2, MYSTERY GOLD, GOLDFISH
OPERATOR: GOLDBRAE DEV.
AUTHOR: FREEZE, J. WHITE, G.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PERMIAN-PENNSYLVANIAN CACHE CREEK GROUP CLASTIC SEDIMENTS, CARBONATES AND VOLCANICS WHICH ARE INTRUDED BY A PYROXENITE AND QUARTZ DIORITE-GRANODIORITE STOCK. GOLD, COPPER, LEAD AND ZINC VALUES OCCUR IN QUARTZ VEINS IN A FELSIC PHASE OF THE INTRUSIVE.
WORK DONE: GEOL 1:2500
MAGG 48.0 KM
EMGR 88.0 KM;VLF,PEM
SOIL 925;CU,PB,AG,ZN,AU
ROCK 21;CU,PB,AG,ZN,AU
DIAD 308.2 M;2 HOLES,NQ
SAMP 109;AG,AU,CU,PB,ZN
LINE 54.0 KM
REFERENCES: A.R. 13437,14846

GOLDKING

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14730 INFO CLASS 4
LOCATION: LAT. 51 8.2 LONG. 120 17.5 NTS: 92P/ 1W
CLAIMS: PARKGOLD, GOLDKING
OPERATOR: HOLLYCROFT RES.
AUTHOR: FREEZE, J.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PENNSYLVANIAN AND

PERMIAN AGE CACHE CREEK GROUP ANDESITES AND BASALTS. THE GEOCHEMICAL SURVEY REVEALED LOW METAL CONTENT IN SOILS.

WORK DONE: GEOL 1:10000
SOIL 63;MULTIELEMENT
ROCK 1;CU,PB,ZN,AG,AU
REFERENCES: A.R. 14730

GNOME

MINING DIV: CLINTON ASSESSMENT REPORT 15120 INFO CLASS 3
LOCATION: LAT. 51 9.7 LONG. 120 52.6 NTS: 92P/ 2W
CLAIMS: GNOME
OPERATOR: NORANDA EX.
AUTHOR: WILSON, R.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP VOLCANICS WHICH OCCUR IN A WINDOW OF MIOCENE PLATEAU BASALTS. THE MAIN ROCKS INTERSECTED IN THE DRILL HOLE WERE INTERMEDIATE TO MAFIC CRYSTAL-LAPILLI TUFFS, AUGITE PORPHYRY AND A METAMORPHOSED EQUIVALENT OF THE INTERMEDIATE TUFFS. ANOMALOUS GOLD, ARSENIC, MOLYBDENUM AND SILVER VALUES OCCUR IN SPLIT CORE SAMPLES.
WORK DONE: DIAD 312.4 M;1 HOLE,NQ
SAMP 89;AU,AG,AS,MO
REFERENCES: A.R. 12021,15120

PRECISELY

MINING DIV: CLINTON ASSESSMENT REPORT 15143 INFO CLASS 2
LOCATION: LAT. 51 7.4 LONG. 120 48.5 NTS: 92P/ 2W
CLAIMS: PRECISELY 1-6, CASA 2
OPERATOR: INTER-PACIFIC RES.
AUTHOR: GOURLAY, A.
DESCRIPTION: THE CLAIMS COVER AN AREA OF ARGILLITE AND ANDESITE VOLCANICS, BOTH OF THE NICOLA FORMATION. THE ARGILLITE IS BRECCIATED AND LOCALLY SILICIFIED, INDICATING THAT HYDROTHERMAL ACTIVITY HAS ALTERED THE SEDIMENTS. THE SEDIMENTS ARE INTRUDED BY A BIOTITE QUARTZ DIORITE. ANOMALOUS VALUES OF GOLD OCCUR IN SILICIFIED ARGILLITE BRECCIA BENEATH ANDESITE TUFF, AND IN VEINS CUTTING QUARTZ DIORITE.
WORK DONE: GEOL 1:10000,1:1000
MAGG 28.0 KM

EMGR 28.0 KM;VLF
IPOL 14.3 KM
SOIL 739;AU,AG,AS,PB,HG
ROCK 76;AU,AS,AG
DIAD 182.9 M;4 HOLES,NQ
PERD 898.8 M;20 HOLES
SAMP 411;AU,AG,AS
PETR 15
REFERENCES: A.R. 13253,14101,15143

BONAPARTE R.

MINING DIV: CLINTON ASSESSMENT REPORT 14977 INFO CLASS 4
LOCATION: LAT. 51 7.5 LONG. 121 28.6 NTS: 92P/ 3W
CLAIMS: MIKA
OPERATOR: MASCOT GOLD MINES
AUTHOR: MCNAUGHTON, K.
COMMODITIES: CHROMIUM
DESCRIPTION: THE CLAIM IS UNDERLAIN BY SERPENTINIZED ULTRAMAFICS CONTAINING PODDY LENSES OF MASSIVE CHROMITE MINERALIZATION. ANOMALOUS PLATINUM VALUES WERE DETECTED IN ROCK SAMPLES BUT NO ANOMALOUS PRECIOUS METAL VALUES WERE DETECTED IN SOIL SAMPLES.
WORK DONE: SOIL 76;MULTIELEMENT
ROCK 14;MULTIELEMENT
LINE 2.7 KM
REFERENCES: A.R. 197,1146,8111,8677,14977
M.I. 092P 082-BONAPARTE R

MPG

MINING DIV: CLINTON ASSESSMENT REPORT 14690 INFO CLASS 4
LOCATION: LAT. 51 9.0 LONG. 121 42.0 NTS: 92P/ 4E
CLAIMS: MPG 1-4
OPERATOR: VULIMIRI, M.
AUTHOR: CROOKER, G. VULIMIRI, M.
DESCRIPTION: MINERALIZATION CONSISTS OF PYROLUSITE AND MANGANITE IN STEEP-DIPPING QUARTZ VEINS WITHIN ARGILLITES OF THE EARLY PALEOZOIC CACHE CREEK GROUP.
WORK DONE: SOIL 123;AU,AG
ROCK 6;AU,AG
LINE 3.8 KM
REFERENCES: A.R. 14690

CC

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14186 INFO CLASS 3
LOCATION: LAT. 51 23.0 LONG. 120 3.0 NTS: 92P/ 8E
CLAIMS: CC 2, CC 7
OPERATOR: FALCONBRIDGE COPPER
AUTHOR: PIRIE, I.
DESCRIPTION: THE PROPERTIES STRADDLE VOLCANICS AND SEDIMENTS OF THE FENNELL FORMATION (PERMIAN). THE ONLY KNOWN MINERALIZATION OF SIGNIFICANCE NEARBY IS THE CHU CHUA DEPOSIT, A STEEPLY DIPPING MASSIVE SULPHIDE DEPOSIT ESTIMATED TO CONTAIN 2 MILLION TONNES GRADING LESS THAN 2 PER CENT COPPER. DRILLING DID NOT INTERSECT SIGNIFICANT AMOUNTS OF SULPHIDES. THE PRESENCE OF A HYDROTHERMALLY ALTERED FELSIC CENTRE DESERVES ADDITIONAL ATTENTION.
WORK DONE: DIAD 617.5 M;3 HOLES,NQ
REFERENCES: A.R. 7110,7443,7499,8496,9623,10940,10957, 10958,14186,14187,12284

CC

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14187 INFO CLASS 3
LOCATION: LAT. 51 23.0 LONG. 120 3.0 NTS: 92P/ 8E
CLAIMS: CH 11, SC 2, CC 1-2, CC 4, CC 7, SC 2-3, ANNA 1-2 ANNA 7-8
OPERATOR: FALCONBRIDGE COPPER
AUTHOR: PIRIE, I.
COMMODITIES: COPPER, ZINC, GOLD, SILVER
DESCRIPTION: THE PROPERTIES STRADDLE VOLCANICS AND SEDIMENTS OF THE FENNELL FORMATION (PERMIAN). THE ONLY KNOWN MINERALIZATION OF SIGNIFICANCE IS THE CHU CHUA DEPOSIT, A STEEPLY DIPPING MASSIVE SULPHIDE DEPOSIT ESTIMATED TO CONTAIN 2 MILLION TONNES GRADING LESS THAN 2 PER CENT COPPER. NUMEROUS ELECTRO MAGNETIC ANOMALIES WERE IDENTIFIED ON THE PROPERTY. SOME OF THE ANOMALIES ARE PROBABLY DUE TO GRAPHITIC ROCK.
WORK DONE: EMGR 82.5 KM;HL
LINE 98.7 KM
REFERENCES: A.R. 7110,7443,7499,8496,9263,10940,10957, 10958,12884,14187
M.I. 092P 140-CC

CC (CHU CHUA)

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15385 INFO CLASS 2
LOCATION: LAT. 51 22.7 LONG. 120 4.0 NTS: 92P/ 8E
CLAIMS: CC 1, CC 9, CC 10, CC 11, CH 11
OPERATOR: FALCONBRIDGE COPPER
AUTHOR: PIRIE, I.
COMMODITIES: COPPER, ZINC, GOLD, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY BASALTS, RHYOLITE AND SEDIMENTS OF THE DEVONIAN-PERMIAN FENNELL FORMATION. MINERALIZATION CONSISTS OF A MULTI-LENS MASSIVE PYRITIC SULPHIDE DEPOSIT ESTIMATED TO CONTAIN LESS THAN 2 MILLION TONNES OF 2 PER CENT COPPER. IT IS HOSTED BY BASALT FLOWS AND CHERT EXHALITE AND HAS LITTLE IF ANY ALTERATION APPARENT. PRESENT SURVEYS HAVE OUTLINED AT LEAST TWO COINCIDENT GEOPHYSICAL-GEOCHEMICAL TARGETS IN AN AREA OF HEAVY OVERBURDEN.
WORK DONE: EMGR 30.0 KM;HLEM
SOIL 1074;CU,PB,ZN,AG,AU
DIAD 668.6 M;6 HOLES,NQ
SAMP 83;MULTIELEMENT
LINE 33.1 KM
REFERENCES: A.R. 7110,7443,7499,7659,8496,9623,10940,10957, 10958,12884,14186,14187,15385
M.I. 092P 140-CC (CHU CHUA)

DUN

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14689 INFO CLASS 4
LOCATION: LAT. 51 25.0 LONG. 120 7.0 NTS: 92P/ 8E
CLAIMS: DUN 1-5, GOLD HILL, WINDPASS
OPERATOR: MURPHY, J.
AUTHOR: MURPHY, J.
DESCRIPTION: THE DUN CLAIMS CONTAIN AT LEAST ONE NARROW QUARTZ-CARBONATE VEIN STRIKING NORTH AND DIPPING NEAR VERTICAL. THE AREA IS UNDERLAIN BY A FINE-GRAINED MASSIVE DACITE WITHIN THE GENERALLY BASALTIC FENNELL FORMATION OF DEVONIAN TO PERMIAN AGE. MINERALIZATION NOTED INCLUDES PYRITE, PYRRHOTITE, CHALCOPYRITE AND GALENA.
WORK DONE: ROCK 5;AU,AG,PB
PROS 1:10000
REFERENCES: A.R. 3600,12723,14689

LK

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15180 INFO CLASS 3
LOCATION: LAT. 51 18.6 LONG. 120 6.2 NTS: 92P/ 8E
CLAIMS: CM 1-3, CM 5
OPERATOR: BP RES. CAN.
AUTHOR: FARMER, R.
COMMODITIES: COPPER, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTH STRIKING PILLOW BASALTS, GREY TO BROWN MASSIVE TO LAMINATED CHERT AND BLACK, OFTEN CHERTY ARGILLITE OF THE DEVONIAN-PERMIAN FENNELL FORMATION. TWO EXPOSURES OF MASSIVE CUPRIFEROUS PYRITE WITH ASSOCIATED MASSIVE MAGNETITE ARE HOSTED IN HIGHLY FRACTURED CHERT AND BLACK CHERTY ARGILLITE. THREE WEAK HLEM CONDUCTORS WERE IDENTIFIED.
WORK DONE: MAGG 17.1 KM
EMGR 17.1 KM;HLEM
LINE 22.3 KM
REFERENCES: A.R. 7555,15180
M.I. 092P 101-LK

CEDAR

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14477 INFO CLASS 4
LOCATION: LAT. 51 29.0 LONG. 120 17.0 NTS: 92P/ 8W 92P/ 9W
CLAIMS: CEDAR I, CEDAR VI, CEDAR 19
OPERATOR: CRAVEN RES.
AUTHOR: CAULFIELD, D. IKONA, C.
DESCRIPTION: PYRRHOTITE, PYRITE AND CHALCOPYRITE WITH ANOMALOUS PRECIOUS METAL VALUES OCCUR WITHIN A NORTHWEST TRENDING FAULT SYSTEM. TRIASSIC NICOLA VOLCANICS LIE TO THE WEST OF THE FAULT AND PHYLLITE, CHERT, LIMESTONE AND SILICIFIED VOLCANICS OF THE PERMIAN CACHE CREEK GROUP LIE TO THE EAST. THE SURVEYS HAVE DELINEATED A POTENTIAL MINERALIZED FAULT SYSTEM.
WORK DONE: EMGR 7.1 KM;VLF
SOIL 30;CU,AG,AU
LINE 3.6 KM
REFERENCES: A.R. 13519,14477

GOLDEN LOON

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14920 INFO CLASS 3
LOCATION: LAT. 51 25.9 LONG. 120 18.6 NTS: 92P/ 8W
CLAIMS: GOLDEN LOON III, GOLDEN LOON VI
OPERATOR: LUTJEN, L.
AUTHOR: LUTJEN, L. LODMELL, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC TO LOWER JURASSIC THUYA BATHOLITH GRANODIROTE IN CONTACT WITH UPPER TRIASSIC NICOLA GROUP SHALE, PHYLLITE AND LIMESTONE. AN ULTRAMAFIC INTRUSIVE OCCURS ALONG THIS CONTACT.
WORK DONE: MAGG 10.5 KM
SOIL 21;MULTIELEMENT
LINE 10.5 KM
REFERENCES: A.R. 4689,9061,14237,14920

BN

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15398 INFO CLASS 4
LOCATION: LAT. 51 35.5 LONG. 120 5.0 NTS: 92P/ 9E
CLAIMS: BN-1
OPERATOR: VOLLO, N.
AUTHOR: VOLLO, N.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY BASALTS AND INTERBEDDED TUFFITES OF THE DEVONIAN-PERMIAN FENNELL FORMATION WHICH STRIKE NORTHWEST AND DIP EAST. PATCHES OF TRANSPORTED GOSSAN ARE PRESENT AND CONTAIN ANOMLOUS VALUES OF COPPER AND ZINC.
WORK DONE: GEOL 1:10000
EMGR 4.7 KM;VLF
SOIL 55;CU,PB,ZN,AG
SILT 4;CU,ZN,AU
LINE 4.7 KM
REFERENCES: A.R. 15398

BOG

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14948 INFO CLASS 4
LOCATION: LAT. 51 37.0 LONG. 120 31.2 NTS: 92P/ 9W 92P/10E
CLAIMS: BOGG 1-4
OPERATOR: RAYNER, G.
AUTHOR: ZASTAVNIKOVICH,S
COMMODITIES: COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP VOLCANIC ROCKS INTRUDED BY LEUCOGRANITES AND LEUCOSYENITES. PYRITE AND CHALCOPY-

RITE OCCUR AS VEINLETS AND DISSEMINATIONS IN THE VOLCANICS AND INTRUSIVES. ANOMALOUS MULTIELEMENT VALUES OCCUR IN SOILS AND ROCKS.

WORK DONE: SILT 36;MULTIELEMENT
ROCK 27;MULTIELEMENT

REFERENCES: A.R. 753,952,1966,3900,4836,5137,5481,5603,7302, 8147,11289,14948
M.I. 092P 007-BOG

FL

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15221 INFO CLASS 3
LOCATION: LAT. 51 35.0 LONG. 120 26.0 NTS: 92P/ 9W
CLAIMS: TA HOOLA 2, TA HOOLA 4, TA HOOLA 6, TA HOOLA 9-13
SILVER 1-4
OPERATOR: BP RES. CAN.
AUTHOR: GAMBLE, A. FARMER, R.
COMMODITIES: COPPER, LEAD, MOLYBDENUM, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A NORTHWEST TRENDING BELT OF UPPER TRIASSIC NICOLA GROUP VOLCANIC AND SEDIMENTARY ROCKS AND UPPER TRIASSIC - LOWER JURASSIC DIORITE TO SYENITE. NEAR THE INTRUSIONS THE NICOLA GROUP VOLCANICS EXHIBIT VARIOUS STYLES OF ALTERATION AND MINERALIZATION INCLUDING (1) VOLCANICS ALTERED TO BIOTITE-PYROXENE HORNFELS WITH VEINLETS OF QUARTZ-CARBONATE PLUS/MINUS CHALCOPYRITE. (2) LIMESTONE ALTERED TO SKARN CONTAINING A LENSE OF PYRRHOTITE, MAGNETITE, PYRITE, CHALCOPYRITE WITH VALUES IN GOLD, AND (3) ARGENTIFEROUS GALENA FOUND IN CARBONATE FRACTURE FILLINGS IN BRECCIATED VOLCANICS.

WORK DONE: GEOL 1:10000,1:200
IPOL 34.5 KM
SOIL 565;MULTIELEMENT
ROCK 63;MULTIELEMENT
SAMP 389;MULTIELEMENT
ROAD 5.0 KM
TREN 1840.0 M;31 TRENCHES

REFERENCES: A.R. 753,754,788,952,1966,4025,4702,4817,5264, 10287,10609,10880,11413,15221
M.I. 092P 134-FL

ROBO

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14931 INFO CLASS 3
LOCATION: LAT. 51 43.0 LONG. 120 17.5 NTS: 92P/ 9W
CLAIMS: ROBO 1
OPERATOR: INTERACTION RES.
AUTHOR: HEIM, R.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY FLAT-LYING, FINE-GRAINED ANDESITES OF THE MISSISSIPPIAN FENNELL FORMATION. ANOMALOUS MULTIELEMENT VALUES IN SOIL AND MODERATELY CONDUCTIVE VLF ELECTROMAGNETIC ZONES OCCUR ON THE PROPERTY.
WORK DONE: EMGR 13.0 KM;VLF
SOIL 304;MULTIELEMENT
REFERENCES: A.R. 14931

CAMP

MINING DIV: CLINTON ASSESSMENT REPORT 15332 INFO CLASS 2
LOCATION: LAT. 51 40.3 LONG. 120 48.8 NTS: 92P/10W
CLAIMS: CAMP 1-2, CAMP 5-8
OPERATOR: BRIDGER RES.
AUTHOR: CAVEY, G. LEBEL, L.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY TERTIARY SKULL HILL FORMATION INTERMEDIATE TO FELSIC VOLCANICS. AN ARGILLIC ALTERATION ZONE COINCIDES WITH SOIL GEOCHEMISTRY ANOMALIES IN GOLD, SILVER, LEAD, ZINC AND BARIUM. THE GEOPHYSICAL SURVEY IDENTIFIED SEVERAL VLF ELECTROMAGNETIC CONDUCTORS AND LINEAR MAGNETIC HIGHS AND LOWS.
WORK DONE: MAGG 50.0 KM
EMGR 50.0 KM;VLF
SOIL 1546;MULTIELEMENT
LINE 57.0 KM
REFERENCES: A.R. 13153,15332

GOLD

MINING DIV: CLINTON ASSESSMENT REPORT 14787 INFO CLASS 3
LOCATION: LAT. 51 50.5 LONG. 121 19.0 NTS: 92P/14W
CLAIMS: GOLD-X, GOLD-Z, GOLD-F
OPERATOR: YORK, L.
AUTHOR: YORK, L.
DESCRIPTION: THE CLAIM AREA APPEARS TO BE UNDERLAIN BY TERTIARY PLATEAU BASALTS. GOLD VALUES TO 22 PPB WERE RESULTANT FROM A BIOGEOCHEMICAL SURVEY.
WORK DONE: BIOG 109;MULTIELEMENT
REFERENCES: A.R. 14787

CHRIS 17, CHRIS 50

MINING DIV: CLINTON ASSESSMENT REPORT 15142 INFO CLASS 3
LOCATION: LAT. 51 54.8 LONG. 120 36.0 NTS: 92P/15E
CLAIMS: W-1, W-2
OPERATOR: KANGELD RES.
AUTHOR: HOLMGREN, L. KOWALCHUK, J.
COMMODITIES: COPPER
DESCRIPTION: THE EASTERN HALF OF THE PROPERTY IS UNDERLAIN BY JURASSIC ANDESITIC ARENITE AND SILTSTONE WHICH ARE OVERLAIN ON THE WEST BY SLIGHTLY YOUNGER PORPHYRITIC AUGITE ANDESITE BRECCIA AND FLOWS. DRILLING INTERSECTED BLACK GRAPHITIC ARGILLITES WHICH ARE THE PROBABLE SOURCE OF ELECTROMAGNETIC ANOMALIES.
WORK DONE: DIAD 465.4 M;4 HOLES,BQ
SAMP 95;MULTIELEMENT
REFERENCES: A.R. 4733,10635,11733,12820,13796,15142
M.I. 092P 130-CHRIS 17;092P 131-CHRIS 50

CANIM

MINING DIV: CLINTON ASSESSMENT REPORT 14924 INFO CLASS 4
LOCATION: LAT. 51 48.5 LONG. 120 50.5 NTS: 92P/15W
CLAIMS: CANIM 1
OPERATOR: RIDLEY, D.
AUTHOR: RIDLEY, D.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY JURASSIC AGE VOLCANICS INTRUDED BY CANIM STOCK SYENITES. MINERALIZATION CONSISTING OF CHALCOPYRITE, PYRITE AND MAGNETITE OCCUR IN NORTHWEST TRENDING QUARTZ FILLED FRACTURES WITHIN THE SYENITE INTRUSIVES.
WORK DONE: ROCK 6;MULTIELEMENT
PROS 1:2000
LINE 10.7 KM
REFERENCES: A.R. 6353,14924
M.I. 092P 158-CANIM

CLAY

MINING DIV: CLINTON ASSESSMENT REPORT 14798 INFO CLASS 4
LOCATION: LAT. 51 52.0 LONG. 120 55.8 NTS: 92P/15W
CLAIMS: SOUTH
OPERATOR: NORANDA EX.
AUTHOR: WARNER, L.
COMMODITIES: COPPER, GOLD
DESCRIPTION: THE REGION IS UNDERLAIN BY TRIASSIC-JURASSIC

NICOLA VOLCANIC AND SEDIMENTARY ROCKS. THESE ROCKS CONSIST MAINLY OF CROSSLINE GREENSTONES, AND GREENSTONE TUFFS, BRECCIAS AND LIMESTONE. INTRUDING THE VOLCANIC SEQUENCE, IS THE CRETACEOUS TAKOMKANE BATHOLITH. LIMITED GEOCHEMICAL SAMPLING RESULTS DID NOT INCLUDE FAVOURABLE EXPLORATION TARGETS.

WORK DONE: SOIL 74;CU,AS,AU
ROCK 6;CU,AS,AU
LINE 3.5 KM
REFERENCES: A.R. 8410,10183,11055,13751,14798
M.I. 092P 155-CLAY

NAHA

MINING DIV: CLINTON ASSESSMENT REPORT 14647 INFO CLASS 3
LOCATION: LAT. 51 54.0 LONG. 120 49.0 NTS: 92P/15W
CLAIMS: NAHA
OPERATOR: KERRISDALE RES.
AUTHOR: KURAN, V.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY VOLCANICS AND SEDIMENTS OF JURASSIC AND TRIASSIC AGE. SIGNIFICANT ALTERATION OR MINERALIZATION WAS NOT NOTED. SPOTTY, ANOMALOUS VALUES OF GOLD, SILVER AND COPPER ARE EVIDENT FROM THE GEOCHEMICAL SURVEY.
WORK DONE: GEOL 1:5000
SOIL 443;CU,AG,AU
SILT 15;CU,AG,AU
ROCK 16;CU,AG,AU
REFERENCES: A.R. 14647

RK

MINING DIV: CLINTON ASSESSMENT REPORT 14452 INFO CLASS 2
LOCATION: LAT. 51 53.2 LONG. 120 45.4 NTS: 92P/15W
CLAIMS: CHRISTMAS 1-8
OPERATOR: MING MINES
AUTHOR: TINDALL, M. ARNOLD, R.
COMMODITIES: COPPER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY A SEQUENCE OF UPPER TRIASSIC NICOLA GROUP MAFIC VOLCANIC FLOWS, INTERMEDIATE TUFFS AND VOLCANICLASTIC SEDIMENTS LOCALLY INTRUDED BY DIORITE STOCKS, DYKES AND SILLS. PYRITE AND PYRRHOTITE MINERALIZATION WITH WEAK GOLD VALUES IS CONCENTRATED ALONG FRACTURES IN COUNTRY ROCK INTRUDED BY DIORITE. SEVERAL ANOMALOUS GOLD TRENDS IN SOILS WERE IDENTIFIED

IN ADDITION TO VLF-ELECTROMAGNETIC CONDUCTORS AND MAGNETIC FEATURES.

WORK DONE: GEOL 1:5000
MAGG 40.5 KM
EMGR 40.5 KM;VLF
SOIL 736;MULTIELEMENT
SILT 10;MULTIELEMENT
ROCK 94;MULTIELEMENT
HMIN 7;MULTIELEMENT
LINE 48.0 KM
REFERENCES: A.R. 12138,14239,14452
M.I. 092P 110-RK

SHERI 95

MINING DIV: CLINTON ASSESSMENT REPORT 14949 INFO CLASS 4
LOCATION: LAT. 51 57.1 LONG. 120 53.8 NTS: 92P/15W
CLAIMS: IRONHORSE 1
OPERATOR: RELIANT RES.
AUTHOR: MORTON, J.
COMMODITIES: COPPER, IRON
DESCRIPTION: TRIASSIC-JURASSIC INTRUSIVE ROCKS BELONGING TO THE TAKOMKANE BATHOLITH OR NICOLA GROUP ARE CUT BY NUMEROUS FRACTURES AND SHEAR ZONES WITH QUARTZ-CARBONATE ALTERATION AND MAGNETITE, PYRITE AND CHALCOPYRITE MINERALIZATION. DRILL CORE ANALYSIS IDENTIFIED ELEVATED COPPER AND GOLD VALUES.
WORK DONE: SAMP 38;MULTIELEMENT
REFERENCES: A.R. 4734,4821,6122,11088,14949
M.I. 092P 132-SHERI 95

SB

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15187 INFO CLASS 3
LOCATION: LAT. 51 49.5 LONG. 120 16.5 NTS: 92P/16E 92P/16W
CLAIMS: SB 1, SB 5-6
OPERATOR: BP RES. CAN.
AUTHOR: FARMER, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY CAMBRIAN OR LATER CARIBOO GROUP FELDSPATHIC QUARTZ-MICA SCHISTS AND MICACEOUS QUARTZITES WHICH IN GENERAL STRIKE NORTHWESTERLY AND DIP TO THE SOUTHWEST. WITHIN THIS AREA ARE SOME FELSIC VOLCANIC BRECCIAS AND QUARTZ PORPHYRY INTRUSIVES? OF UNKNOWN AGE. THESE ROCKS ARE BOUND TO THE WEST BY BASALTS OF THE DEVONIAN-PERMIAN FENNELL FORMATION AND TO THE SOUTH BY THE CRETACEOUS RAFT BATHOLITH. FOUR

HLEM CONDUCTORS WITH RELATED MAGNETIC HIGHS HAVE BEEN IDENTIFIED.
WORK DONE: MAGG 33.6 KM
EMGR 33.6 KM;HLEM
LINE 35.4 KM
REFERENCES: A.R. 6622,6903,15187

CARO

MINING DIV: KAMLOOPS ASSESSMENT REPORT 15349 INFO CLASS 4
LOCATION: LAT. 51 45.3 LONG. 120 19.8 NTS: 92P/16W
CLAIMS: CARO 2-5
OPERATOR: NORANDA EX.
AUTHOR: HEIM, R.
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY JURASSIC SEDIMENTS AND GRANITIC ROCKS OF THE CRETACEOUS RAFT BATHOLITH. SOIL GEOCHEMISTRY RETURNED MODERATELY ANOMALOUS GOLD AND ARSENIC VALUES.
WORK DONE: SOIL 99;MULTIELEMENT
REFERENCES: A.R. 15349

GOLDEN POPE

MINING DIV: KAMLOOPS ASSESSMENT REPORT 14800 INFO CLASS 4
LOCATION: LAT. 51 50.5 LONG. 120 29.0 NTS: 92P/16W
CLAIMS: GOLDEN POPE 1-2
OPERATOR: BARNES CREEK MIN.
AUTHOR: LUTJEN, L. LODMELL, R.
DESCRIPTION: PROSPECTING TRAVERSES INTERCEPTED GRANITE/GRANODIORITE OF THE BALDY BATHOLITH CUT BY A QUARTZ FELDSPAR DYKE AND MAINLY BARREN QUARTZ STRINGERS. SEVERAL PANNING ATTEMPTS IN AREAS OF MINOR SULPHIDE MINERALIZATION DID NOT SHOW ANY GOLD COLOURS.
WORK DONE: PROS 1:12500
REFERENCES: A.R. 14800

FREMAN

MINING DIV: CARIBOO ASSESSMENT REPORT 14923 INFO CLASS 3
LOCATION: LAT. 52 16.5 LONG. 120 54.0 NTS: 93A/ 2W 93A/ 7W
CLAIMS: FREMAN 1-4, FREMAN 6
OPERATOR: WARD, D.
AUTHOR: DRUMMOND, A.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP SEDIMENTS THAT HAVE BEEN INTRUDED BY AUGITE PORPHYRY SILLS AND MONZONITE DYKES. FOUR SOIL SAMPLES RETURNED ANOMALOUS GOLD VALUES.
WORK DONE: GEOL 1:12000
SOIL 163;MULTIELEMENT
SILT 20;MULTIELEMENT
LINE 15.1 KM
REFERENCES: A.R. 14923

TEA

MINING DIV: CARIBOO ASSESSMENT REPORT 14420 INFO CLASS 3
LOCATION: LAT. 52 27.0 LONG. 121 38.0 NTS: 93A/ 5E
CLAIMS: TEA 1
OPERATOR: AXIOM EX.
AUTHOR: BOROVIC, I.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP VOLCANIC AND SEDIMENTARY ROCKS. THE DOMINANT LITHOLOGIES ARE PORPHYRITIC ANDESITE AND TUFF. ISOLATED ELEVATED GOLD VALUES OCCUR IN SOILS.
WORK DONE: GEOL 1:10000
MAGG 58.4 KM
SOIL 267;CU,AU
LINE 38.4 KM
REFERENCES: A.R. 14420

ASTRA

MINING DIV: CARIBOO ASSESSMENT REPORT 14421 INFO CLASS 4
LOCATION: LAT. 52 30.0 LONG. 121 48.0 NTS: 93A/ 5W 93A/12W
CLAIMS: ASTRA 1
OPERATOR: SQUARE GOLD EX.
AUTHOR: BOROVIC, I.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP VOLCANIC AND SEDIMENTARY ROCKS. SPOTTY

ELEVATED GOLD VALUES OCCUR IN SOIL.
WORK DONE: MAGG 5.2 KM
SOIL 40;CU,AU
LINE 4.6 KM
REFERENCES: A.R. 14421

AL

MINING DIV: CARIBOO ASSESSMENT REPORT 14178 INFO CLASS 3
LOCATION: LAT. 52 23.5 LONG. 121 21.0 NTS: 93A/ 6E
CLAIMS: KWUN 1-4
OPERATOR: DOME EX. (CAN.)
AUTHOR: FOX, P. GOODALL, G.
COMMODITIES: COPPER
DESCRIPTION: PROPYLITIC-ALTERED VOLCANICS OF UPPER TRIASSIC-LOWER JURASSIC AGE SURROUND A SMALL, ZONED SYENODIORITE STOCK. SURFACE EXPOSURE INCLUDES COARSE BRECCIAS AND CONGLOMERATES. SOIL AND ROCK GEOCHEMICAL RESULTS ARE GENERALLY LOW. NO COHERENT ANOMALY PATTERN WAS OBTAINED.
WORK DONE: SOIL 540;MULTIELEMENT
ROCK 25;MULTIELEMENT
LINE 28.7 KM
REFERENCES: A.R. 4860,5086,5151,5533,8261,9925,14178
M.I. 093A 077-AL

LO

MINING DIV: CARIBOO ASSESSMENT REPORT 15231 INFO CLASS 4
LOCATION: LAT. 52 29.2 LONG. 121 3.0 NTS: 93A/ 6E
CLAIMS: HEN 1
OPERATOR: GUINET, V.
AUTHOR: PRICE, B.
COMMODITIES: COPPER, GOLD
DESCRIPTION: GOLD OCCURS IN A SILICEOUS ZONE IN HORNFELSED LOWER JURASSIC TUFFS WITH CHALCOPYRITE AND PYRRHOTITE.
WORK DONE: GEOL 1:5000,1:1000
ROCK 13;MULTIELEMENT
REFERENCES: A.R. 683,9122,15231
M.I. 093A 048-LO

VIEW

MINING DIV: CARIBOO ASSESSMENT REPORT 14190 INFO CLASS 3
LOCATION: LAT. 52 26.0 LONG. 121 5.0 NTS: 93A/ 6E
CLAIMS: VIEW 1-13
OPERATOR: UTAH MINES
AUTHOR: DEIGHTON, J.
DESCRIPTION: ROCKS IN THE PROSPECT AREA CONSIST OF A THICK SUCCESSION OF EARLY MESOZOIC SUBMARINE ALKALIC VOLCANICS, PILLOW BASALTS, AGGLOMERATE, AUGITE PORPHYRY BRECCIAS AND DISCONTINUOUS CARBONATE HORIZONS. SEVERAL SYNVOLCANIC STOCKS OF DIORITE, SYENODIORITE AND SYENITE INTRUDE THE ABOVE SEQUENCE. THE GEOCHEMICAL SOIL SURVEY RESULTS OUTLINED SEVERAL AURI-ARGENTIFEROUS BASE METAL ANOMALIES.
WORK DONE: SOIL 918;MULTIELEMENT
LINE 124.0 KM
REFERENCES: A.R. 13151,14190

VIEW

MINING DIV: CARIBOO ASSESSMENT REPORT 15188 INFO CLASS 2
LOCATION: LAT. 52 26.0 LONG. 121 6.0 NTS: 93A/ 6E
CLAIMS: VIEW 1-13
OPERATOR: UTAH MINES
AUTHOR: DEIGHTON, J.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP VOLCANICS AND SEDIMENTS INTRUDED BY COEVAL MONZONITE AND DIORITE. THE INTRUSIVES HAVE SILICIFIED AND HORNFELSED THE VOLCANICS AND MINERALIZATION OBSERVED IN THE POORLY EXPOSED OUTCROPS CONSISTS PREDOMINANTLY OF PYRITE. SOIL GEOCHEMISTRY RETURNED ANOMALOUS MULTIELEMENT VALUES.
WORK DONE: SOIL 1741;MULTIELEMENT
LINE 172.0 KM
REFERENCES: A.R. 13151,14190,15188

BEEKEEPER

MINING DIV: CARIBOO ASSESSMENT REPORT 15048 INFO CLASS 4
LOCATION: LAT. 52 23.8 LONG. 121 20.3 NTS: 93A/ 6W
CLAIMS: BEEKEEPER 1
OPERATOR: EASTFIELD RES.
AUTHOR: MORTON, J.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC TAKLA

GROUP PORPHYRITIC BASALTS. EPITHERMAL ALTERATION AND MINERALIZATION (CINNABAR) OCCURS WITHIN AN AUGITE-PLAGIOCLASE PORPHYRY BASALT.
WORK DONE: ROCK 7;MULTIELEMENT
PROS 1:500
REFERENCES: A.R. 9750,12805,14599,15048

PLATE

MINING DIV: CARIBOO ASSESSMENT REPORT 14617 INFO CLASS 4
LOCATION: LAT. 52 28.5 LONG. 121 18.0 NTS: 93A/ 6W
CLAIMS: PLATE E, PLATE F, ZINC PLATE
OPERATOR: IMPERIAL METALS
AUTHOR: MORTON, J.
DESCRIPTION: AN ELECTROMAGNETIC INPUT CONDUCTOR OCCURS NEAR THE CONTACT OF TRIASSIC ARGILLACEOUS SEDIMENTS AND OVERLYING ANDESITIC VOLCANICS. THE VLF ELECTROMAGNETIC SURVEY FAILED TO RESPOND TO THIS CONDUCTOR.
WORK DONE: EMGR 6.0 KM;VLF
SOIL 144;MULTIELEMENT
LINE 6.0 KM
REFERENCES: A.R. 14617

SHIK

MINING DIV: CARIBOO ASSESSMENT REPORT 14870 INFO CLASS 4
LOCATION: LAT. 52 27.0 LONG. 121 27.0 NTS: 93A/ 6W
CLAIMS: SHIK 1-2
OPERATOR: MORTON, J.
AUTHOR: MORTON, J.
COMMODITIES: COPPER
DESCRIPTION: A SEQUENCE OF TRIASSIC BASALTS AND FELSIC BRECCIAS ARE INTRUDED BY SYENITE BRECCIA. A FINER GRAINED FRAGMENTAL UNIT, BELIEVED TO HAVE BEEN AN ANDESITIC TUFF, IS EXTENSIVELY HYDROTHERMALLY ALTERED TO A PROPHYLITIC ASSEMBLAGE. PROPYLITIC ALTERATION IS ACCOMPANIED BY GOLD AND COPPER MINERALIZATION.
WORK DONE: GEOL 1:1000
ROCK 7;MULTIELEMENT
TREN 10.0 M;5 TRENCHES
REFERENCES: A.R. 11297,11623,12584,13355,13804,14870
M.I. 093A 152-SHIK

TOPPER

MINING DIV: CARIBOO ASSESSMENT REPORT 15363 INFO CLASS 3
LOCATION: LAT. 52 19.2 LONG. 120 46.4 NTS: 93A/ 7E 93A/ 7W
CLAIMS: TOPPER 5
OPERATOR: WORLD CEMENT IND.
AUTHOR: FREEZE, J.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC INTERBEDDED SEDIMENTS AND VOLCANICS THAT OCCUR ON THE WESTERN LIMB OF A SYNCLINE. PYRITE AND SOME GALENA AND SPHALERITE OCCUR IN A QUARTZ STOCKWORK WITHIN PHYLLITES. SOIL GEOCHEMISTRY RETURNED ANOMALOUS SILVER AND GOLD VALUES.
WORK DONE: GEOL 1:5000
SOIL 193;AU,AG
ROCK 32;AU,AG
HMIN 5;MULTIELEMENT
REFERENCES: A.R. 15363

AI

MINING DIV: CARIBOO ASSESSMENT REPORT 15193 INFO CLASS 4
LOCATION: LAT. 52 37.0 LONG. 121 25.7 NTS: 93A/11W
CLAIMS: AI
OPERATOR: MIRAMAR ENERGY
AUTHOR: PRICE, B.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY BLACK PHYLLITES AND MASSIVE ANDESITE OF THE UPPER TRIASSIC TAKLA GROUP. SOIL AND ROCK CHIP GEOCHEMISTRY RETURNED ANOMALOUS MULTIELEMENT VALUES.
WORK DONE: GEOL 1:10000,1:3000
SOIL 25;MULTIELEMENT
ROCK 20;MULTIELEMENT
REFERENCES: A.R. 10251,15193

CPW

MINING DIV: CARIBOO ASSESSMENT REPORT 14682 INFO CLASS 1
LOCATION: LAT. 52 35.0 LONG. 121 28.0 NTS: 93A/11W
CLAIMS: CPW
OPERATOR: MT. CALVERY RES.
AUTHOR: MCCLINTOCK, J.
COMMODITIES: GOLD
DESCRIPTION: GOLD MINERALIZATION ON THE CPW CLAIM IS WIDESPREAD AND OCCURS IN THREE INTER-RELATED FORMS LOCALIZED IN AND ADJACENT TO FOLD-RELATED FRACTURE AND SHEAR ZONES. GOLD IS FOUND IN ANASTOMOSING VEIN SYSTEMS

IN SHALE, AS REPLACEMENTS OF PYRITE INVARIABLY ASSOCIATED WITH SHALEY SILTSTONE, AND IN QUARTZ VEINS IN MASSIVE SILTSTONE. THE HOST ROCKS ARE UPPER TRIASSIC TAKLA GROUP SEDIMENTARY ROCKS WHICH HAVE UNDERGONE REGIONAL EPISODES OF INTRUSION AND FAULTING.

WORK DONE: GEOL 1:1000,1:200
PERD 3165.0 M;27 HOLES
SAMP 2500;AU,AG
ROAD 2.0 KM
TREN 1400.0 M
REFERENCES: A.R. 6935,8636,9762,11428,13354,14682
M.I. 093A 043-CPW

JOY

MINING DIV: CARIBOO ASSESSMENT REPORT 15133 INFO CLASS 2
LOCATION: LAT. 52 34.5 LONG. 121 30.0 NTS: 93A/11W 93A/12E
CLAIMS: CLIONA, CEDAR CREEK, NANCY, TOUCAN, HARRIET, ROCKY ERNEST 1, LILLY 1, ANG, LOR
OPERATOR: CEDARMINE RES.
AUTHOR: SCOTT, S. SCOTT, W.
COMMODITIES: GOLD, COPPER, SILVER, LEAD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP VOLCANICS. MINERALIZATION CONSISTING OF PYRRHOTITE, PYRITE, ARSENOPYRITE, GALENA AND CHALCOPYRITE OCCUR IN A QUARTZ-CARBONATE SHEAR ZONE. THE PRESENT SURVEYS HAVE IDENTIFIED SEVERAL MULTIELEMENT SOIL ANOMALIES.
WORK DONE: GEOL 1:2500
MAGG 55.5 KM
SOIL 1132;AU,AG,CU,ZN
ROCK 19;AU,AG,CU,ZN
LINE 60.7 KM
REFERENCES: A.R. 2606,3278,3279,5198,8124,10864,15133
M.I. 093A 072-JOY

JUNE, ROSE

MINING DIV: CARIBOO ASSESSMENT REPORT 14956 INFO CLASS 3
LOCATION: LAT. 52 39.4 LONG. 121 37.8 NTS: 93A/11W 93A/12E
CLAIMS: JUNE, JUN 9, ROSE 3, DOG, DUG
OPERATOR: MT. CALVERY RES.
AUTHOR: SCHMIDT, A.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC AGE TAKLA GROUP VOLCANICS AND SEDIMENTS INTRUDED BY DIORITES. A PYRITIC QUARTZ VEIN WITHIN A SHEAR

ZONE IN THE VOLCANICS CARRIES ELEVATED TO ANOMALOUS GOLD VALUES. THE TRENCHING PROGRAM EXPOSED BEDROCK MINERALIZATION THAT SUFFICIENTLY EXPLAINS PREVIOUS GOLD SOIL ANOMALIES.

WORK DONE: SOIL 311;AU
ROCK 20;AU
SAMP 449;AU
LINE 7.6 KM
TREN 754.0 M;10 TRENCHES
REFERENCES: A.R. 14956

PESO

MINING DIV: CARIBOO ASSESSMENT REPORT 14468 INFO CLASS 3
LOCATION: LAT. 52 35.0 LONG. 121 27.5 NTS: 93A/11W
CLAIMS: PESO
OPERATOR: HYCROFT RES. & DEV.
AUTHOR: CHRISTIE, J.
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY UPPER TRIASSIC AGE PHYLLITES AND ARGILLITES THAT ARE INTRUDED BY LEUCOCRATIC PORPHYRITIC DYKES. THE DRILL PROGRAM INTERSECTED PHYLLITES AND PORPHYRITIC DYKES WHERE ONE ASSAY RETURNED 4.5 GRAMMES/TONNE GOLD.
WORK DONE: DIAD 530.2 M;6 HOLES,NQ
SAMP 8;AU
REFERENCES: A.R. 12811,14468

CARIBOO, MOSTLIKELY

MINING DIV: CARIBOO ASSESSMENT REPORT 15033 INFO CLASS 2
LOCATION: LAT. 52 41.8 LONG. 121 44.8 NTS: 93A/12E 93A/12W
CLAIMS: CARIBOO 1, CARIBOO 3-4, SHORT STUFF 3, MOSTLIKELY 3-4 SUN
OPERATOR: E&B EX.
AUTHOR: TINDALL, M.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY ANDESITIC TO BASALTIC TUFFS AND FLOWS OVERLAIN BY AND INTERBEDDED WITH VOLCANICLASTIC SILTSTONES AND CONGLOMERATE, ALL OF THE UPPER TRIASSIC TAKLA GROUP. A DIORITE STOCK INTRUDES THE NORTHEAST CORNER OF THE CLAIMS. SEVERAL EAST-WEST TRENDING GOLD SOIL ANOMALIES HAVE BEEN OUTLINED.
WORK DONE: GEOL 1:10000
SOIL 1087;MULTIELEMENT
ROCK 36;MULTIELEMENT
LINE 41.3 KM

REFERENCES: A.R. 10374,10650,11556,12512,13881,15033

DAVE

MINING DIV: CARIBOO ASSESSMENT REPORT 14399 INFO CLASS 2
LOCATION: LAT. 52 36.8 LONG. 121 34.5 NTS: 93A/12E
CLAIMS: DAVE, STEVE, NIC, BRI
OPERATOR: CEDARMINE RES.
AUTHOR: SCOTT, S. SCOTT, W.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY ANDESITE-BASALT FLOWS AND BRECCIAS OF THE UPPER TRIASSIC TAKLA GROUP INTRUDED BY DIORITES, MONZONITES AND SYENITES. ALTERATION ZONES CONSIST OF SILICIFICATION AND PROPYLIZATION WHERE ASSOCIATED GOLD AND BASE METALS ARE COMMON TO STRONG SHEARS AND FAULTS PROXIMAL TO INTRUSIVE STOCKWORKS. FIVE ZONES WITH EITHER/OR GEOCHEMICAL SOIL ANOMALIES, MAGNETIC ANOMALIES, MAGNETIC ANOMALIES AND INDUCED POLARIZATION HAVE BEEN OUTLINED.
WORK DONE: GEOL 1:2500
MAGG 29.7 KM
IPOL 6.8 KM
SOIL 634;AU,AG,CU,ZN
ROCK 42;AU,AG,CU,ZN
LINE 33.2 KM
REFERENCES: A.R. 2148,3228,9582,10507,12515,13757,14399

HINGE

MINING DIV: CARIBOO ASSESSMENT REPORT 15265 INFO CLASS 4
LOCATION: LAT. 52 37.5 LONG. 121 39.0 NTS: 93A/12E
CLAIMS: HINGE 1
OPERATOR: DOME EX. (CAN.)
AUTHOR: RICHARDSON, P.
DESCRIPTION: THE PROPERTY CONTAINS EARLY MESOZOIC VOLCANIC AND SEDIMENTARY ROCKS THAT HAVE BEEN INTRUDED BY SYENITES AND DIORITE. IN NEARBY AREAS, THE ROCKS HAVE BEEN ALTERED TO EPIDOTE AND CHLORITE WHICH ARE ACCOMPANIED BY PYRITE, CHALCOPYRITE AND GOLD. A PREVIOUSLY DISCOVERED CONDUCTOR NEAR THE BULLION TOWNSITE IS NOT CAUSED BY ECONOMIC MINERALIZATION.
WORK DONE: DIAD 96.6 M
SAMP 32;AU,AG,CU
REFERENCES: A.R. 12663,15265

LITTLE

MINING DIV: CARIBOO ASSESSMENT REPORT 15050 INFO CLASS 3
LOCATION: LAT. 52 38.0 LONG. 121 43.5 NTS: 93A/12E
CLAIMS: LITTLE 1
OPERATOR: TRUMPH RES.
AUTHOR: ALLEN, D. MACQUARRIE, D.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP BASALTIC FLOWS AND BRECCIAS WITH MINOR INTERCALATED SEDIMENTS. THREE ANOMALOUS COPPER-SILVER SOIL ZONES HAVE BEEN IDENTIFIED AND ALSO CORRELATE TO THREE LINEAR MAGNETIC HIGHS.
WORK DONE: MAGG 21.0 KM
EMGR 21.0 KM;VLF
SOIL 246;MULTIELEMENT
LINE 21.0 KM
REFERENCES: A.R. 15050

NORDIC, LLOYD

MINING DIV: CARIBOO ASSESSMENT REPORT 14854 INFO CLASS 3
LOCATION: LAT. 52 33.0 LONG. 121 34.5 NTS: 93A/12E
CLAIMS: NORDIC 1-6, LLOYD 1-2
OPERATOR: BIG VALLEY RES.
AUTHOR: SCHMIDT, U.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC-LOWER JURASSIC MAFIC TO INTERMEDIATE TAKLA GROUP VOLCANICS INTRUDED BY SYENITE PLUGS OF PROBABLE EARLY CRETACEOUS AGE. GEOCHEMICAL RESULTS ARE INCONCLUSIVE.
WORK DONE: GEOL 1:10000
SOIL 36;MULTIELEMENT
SILT 7;MULTIELEMENT
ROCK 10;MULTIELEMENT
PITS 7
REFERENCES: A.R. 14854

PRIOR LAKE

MINING DIV: CARIBOO ASSESSMENT REPORT 15000 INFO CLASS 4
LOCATION: LAT. 52 37.0 LONG. 121 40.0 NTS: 93A/12E
CLAIMS: P.L. 3134, P.L. 3136
OPERATOR: STRATA ENERGY
AUTHOR: CROOKER, G.
DESCRIPTION: ALLUVIAL CHANNELS MAY CUT ACROSS THE PLACER LEASES. INDICATED DEPTH TO BEDROCK IS UP TO 20 METRES OR MORE.

WORK DONE: SEIS 3.9 KM
LINE 1.2 KM
REFERENCES: A.R. 9220,15000

SUE, ML

MINING DIV: CARIBOO ASSESSMENT REPORT 14401 INFO CLASS 2
LOCATION: LAT. 52 37.6 LONG. 121 48.3 NTS: 93A/12E 93A/12W
CLAIMS: LL 4, LL 5, LL 6, LL 7, LL 8, LL 9, LL 11
OPERATOR: GOLDEN LAKE RES.
AUTHOR: ARNOLD, R.
COMMODITIES: COPPER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY UPPER TRIASSIC TO LOWER JURASSIC VOLCANIC AND SEDIMENTARY ROCKS OF THE QUESNEL RIVER GROUP. THESE ROCKS HAVE BEEN INTRUDED BY COMAGMATIC ALKALIC STOCK AND DYKE COMPLEXES. STRUCTURALLY, THE ROCKS FORM A HOMOCLINAL SEQUENCE STRIKING NORTHWEST AND DIPPING MODERATELY TO THE NORTHEAST. ALTERATION IS WEAK. MINERALIZATION CONSISTS OF BORNITE, CHALCOPYRITE AND NATIVE COPPER WITH COPPER OXIDES IN FRACTURE AND SHEAR ZONES. WEAK GOLD MINERALIZATION (0.68 GRAMMES/TONNE) WAS ENCOUNTERED IN TWO OF SIX HOLES.
WORK DONE: GEOL 1:10000
MAGG 58.7 KM
EMGR 58.7 KM;VLF,CEM
SOIL 602;MULTIELEMENT
ROCK 3;MULTIELEMENT
ROTD 434.9 M;6 HOLES
SAMP 145;MULTIELEMENT
LINE 44.7 KM
ROAD 3.1 KM
REFERENCES: A.R. 1005,11830,13063,14401
M.I. 093A 017-SUE;093A 118-ML

CHAIZ

MINING DIV: CARIBOO ASSESSMENT REPORT 15056 INFO CLASS 3
LOCATION: LAT. 52 45.3 LONG. 121 53.5 NTS: 93A/12W 93A/13W
CLAIMS: CHAIZ 3
OPERATOR: APM EX.
AUTHOR: ALLEN, D. GRAVEL, J.
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP PORPHYRITIC BASALTS AND SEDIMENTS. TWO BROAD ANOMALOUS MULTIELEMENT SOIL ZONES WERE IDENTIFIED. GEOPHYSICAL SURVEY

RESULTS ARE INCONCLUSIVE.
WORK DONE: MAGG 22.8 KM
EMGR 22.8 KM;VLF
SOIL 281;MULTIELEMENT
ROCK 2;MULTIELEMENT
LINE 30.0 KM
ROAD 5.0 KM
REFERENCES: A.R. 12780,13183,13578,13771,13785,15056

JEFF

MINING DIV: CARIBOO ASSESSMENT REPORT 15330 INFO CLASS 3
LOCATION: LAT. 52 44.5 LONG. 121 49.8 NTS: 93A/12W 93A/13W
CLAIMS: JEFF, JUDY
OPERATOR: LINK RES.
AUTHOR: POLONI, J.
DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY UPPER TRIASSIC NICOLA GROUP VOLCANICS. SOIL GEOCHEMISTRY RETURNED ANOMALOUS GOLD, SILVER AND COPPER VALUES.
WORK DONE: SOIL 225;CU,ZN,AG,AU
LINE 14.4 KM
REFERENCES: A.R. 13781,15330

LEB

MINING DIV: CARIBOO ASSESSMENT REPORT 15054 INFO CLASS 3
LOCATION: LAT. 52 43.2 LONG. 121 49.6 NTS: 93A/12W
CLAIMS: LEB 1
OPERATOR: ANDERSON, V.
AUTHOR: ALLEN, D. GRAVEL, J.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP PORPHYRITIC BASALTS AND SEDIMENTS. SCATTERED ANOMALOUS GOLD SOIL ZONES WERE IDENTIFIED.
WORK DONE: MAGG 5.7 KM
EMGR 6.1 KM;VLF
SOIL 77;MULTIELEMENT
SILT 1;MULTIELEMENT
ROCK 1;MULTIELEMENT
LINE 7.6 KM
REFERENCES: A.R. 15054

NEL

MINING DIV: CARIBOO ASSESSMENT REPORT 15055 INFO CLASS 3
LOCATION: LAT. 52 43.0 LONG. 121 51.5 NTS: 93A/12W
CLAIMS: NEL 1
OPERATOR: GULD RES.
AUTHOR: ALLEN, D. GRAVEL, J.
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP PORPHYRITIC BASALTS AND SEDIMENTS. ANOMALOUS MULTIELEMENT SOIL ZONES ARE COINCIDENT WITH VLF ELECTROMAGNETIC CONDUCTORS.
WORK DONE: MAGG 24.2 KM
EMGR 23.7 KM;VLF
SOIL 217;MULTIELEMENT
LINE 25.3 KM
REFERENCES: A.R. 15055

PASSE, JCB

MINING DIV: CARIBOO ASSESSMENT REPORT 14988 INFO CLASS 3
LOCATION: LAT. 52 45.0 LONG. 122 0.0 NTS: 93A/12W 93A/13W
CLAIMS: PASSE 1-4, JCB, JCB 2-4
OPERATOR: MAK, C.
AUTHOR: SHELDRAKE, R.
DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP VOLCANIC AND SEDIMENTARY ROCKS. ONE HEM CONDUCTOR HAS BEEN IDENTIFIED FROM THE AIRBORNE GEOPHYSICAL SURVEY.
WORK DONE: MAGA 125.0 KM
EMAB 125.0 KM;HEM
REFERENCES: A.R. 14988

PLACER LEASES, MOREHEAD CREEK

MINING DIV: CARIBOO ASSESSMENT REPORT 14786 INFO CLASS 3
LOCATION: LAT. 52 37.5 LONG. 121 47.0 NTS: 93A/12W
CLAIMS: P.L. 3141, P.L.3143-3146, P.L. 3148
OPERATOR: YORK PETR.
AUTHOR: CROOKER, G.
DESCRIPTION: SEVERAL MINOR ALLUVIAL CHANNELS ACROSS THE PLACER LEASES ARE SUGGESTED BY SEISMIC SURVEY RESULTS.
WORK DONE: SEIS 1.5 KM
LINE 1.5 KM
REFERENCES: A.R. 11040,14786

QR

MINING DIV: CARIBOO ASSESSMENT REPORT 14860 INFO CLASS 2
LOCATION: LAT. 52 42.2 LONG. 121 47.8 NTS: 93A/12W
CLAIMS: QR 1-2
OPERATOR: DOME EX. (CAN.)
AUTHOR: FOX, P.
COMMODITIES: GOLD, COPPER
DESCRIPTION: GOLD OCCURS IN PROPYLITIZED BRECCIAS AND TUFFS OF THE UPPER TRIASSIC NICOLA GROUP AT THE CONTACT WITH A YOUNGER SERIES OF ARGILLITES AND SILTSTONES WITHIN A HALO OF ALTERED ROCK SURROUNDING A SMALL DIORITE STOCK OF LOWER JURASSIC AGE. DRILLING ON THE NORTH ZONE RETURNED ENCOURAGING RESULTS WHERE ONE HOLE INTERSECTED PROPYLITIZED BASALT RUNNING 27.6 GRAMMES/TONNE GOLD.
WORK DONE: DIAD 1409.1 M;5 HOLES,BQ
SAMP 622;AU
REFERENCES: A.R. 6079,6417,6708,6730,6967,8572,9538,10592, 11486,12588,13754,14860
M.I. 093A 121-QR

QUES 1

MINING DIV: CARIBOO ASSESSMENT REPORT 15096 INFO CLASS 3
LOCATION: LAT. 52 44.0 LONG. 121 51.0 NTS: 93A/12W
CLAIMS: QUES 1
OPERATOR: BUENA EX.
AUTHOR: ALLEN, D. GRAVEL, J.
DESCRIPTION: THE QUES 1 CLAIM LIES WITHIN THE QUESNEL TROUGH, A NORTHWEST TRENDING BELT OF DOMINANTLY LOWER MESOZOIC VOLCANIC AND VOLCANICALLY DERIVED SEDIMENTARY ROCKS. GOLD DEPOSITS ARE ASSOCIATED WITH COMPLEX ALKALIC INTRUSIONS THAT ARE COEVAL TO THE ENCLOSING VOLCANICS. LOCAL DISCOVERIES (QR AND CARIBOO BELL) ARE BASED ON GEOCHEMICALLY AND GEOPHYSICALLY DERIVED TARGETS.
WORK DONE: MAGG 14.1 KM
EMGR 8.6 KM
IPOL 8.5 KM
SOIL 144;CU,PB,ZN,AG,AU
LINE 11.7 KM
REFERENCES: A.R. 13781,15096

TH

MINING DIV: CARIBOO ASSESSMENT REPORT 14635 INFO CLASS 3
LOCATION: LAT. 52 31.0 LONG. 121 48.0 NTS: 93A/12W
CLAIMS: TH #2
OPERATOR: E & B EX.
AUTHOR: ARNOLD, R.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY UPPER TRIASSIC TO LOWER JURASSIC AGE MAFIC VOLCANIC FLOWS, BRECCIAS AND SEDIMENTS WHICH ARE INTRUDED BY A QUARTZ MONZONITE DYKE COMPLEX KNOWN AS THE GAVIN LAKE STOCK. MIOCENE OR YOUNGER BASALT FLOWS LIE UNCONFORMABLY ON THE MESOZOIC SUCCESSION IN THE WESTERN PART OF THE PROPERTY. ALTERATION IS LOCALLY PERVASIVE, CONSISTING OF SILICIFICATION AND CHLORITIZATION. FINE PYRITE AND OCCASSIONAL PYRRHOTITE OCCUR ALONG FRACTURES AND AS WEAK DISSEMINATIONS IN THE VOLCANICS.
WORK DONE: PERD 177.0 M;3 HOLES
SAMP 86;MULTIELEMENT
REFERENCES: A.R. 12314,14635

CAC

MINING DIV: CARIBOO ASSESSMENT REPORT 15274 INFO CLASS 3
LOCATION: LAT. 52 48.5 LONG. 121 30.0 NTS: 93A/13E 93A/14W
CLAIMS: CAC I, CAC II
OPERATOR: CASCADIA MINES
AUTHOR: ARCHAMBAULT, M.
DESCRIPTION: SCHISTS, CALCAREOUS SCHIST AND LIMESTONES OF THE RAMOS CREEK FORMATION (MISSISSIPPIAN OR YOUNGER) ARE CUT BY FAULTS AND FRACTURES TRENDING 120 DEGREES AND DIPPING NEARLY VERTICALLY, DIORITIC INTRUSIVES AND RUSTY CALCITE VEINLETS. ROCK SAMPLES CONTAIN LESS THAN 1 GRAMME/TONNE GOLD AND 2.4 GRAMMES/TONNE SILVER.
WORK DONE: GEOL 1:2500
SAMP 31;AU,AG
LINE 9.8 KM
TREN 236.0 M;13 TRENCHES
REFERENCES: A.R. 15274

VAN

MINING DIV: CARIBOO ASSESSMENT REPORT 14471 INFO CLASS 2
LOCATION: LAT. 52 59.5 LONG. 121 33.0 NTS: 93A/13E 93H/ 4E
CLAIMS: VAN 15
OPERATOR: ANCHOR GOLD
AUTHOR: ALLEN, A.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY MISSISSIPPIAN-DEVONIAN SILTITE, MICACEOUS QUARTZITE, QUARTZITE, PHYLLITE, LIMESTONE AND CONGLOMERATE. QUARTZ VEINS OCCUR BUT NO SULPHIDE MINRALIZATION HAS BEEN OBSERVED. THE SURVEY RESULTS WERE NEGLIGIBLE.
WORK DONE: MAGG 9.5 KM
EMGR 17.9 KM;VLF
SOIL 242;CU,AG,PB,ZN,AS
SAMP 4;AU,AG
LINE 13.3 KM
TREN 15.8 M;4 TRENCHES
REFERENCES: A.R. 14248,14471

VAN

MINING DIV: CARIBOO ASSESSMENT REPORT 15099 INFO CLASS 3
LOCATION: LAT. 52 57.0 LONG. 121 38.0 NTS: 93A/13E
CLAIMS: VAN 12
OPERATOR: JUSTICE MIN.
AUTHOR: GROVES, W.
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY BLACK PHYLLITES AND QUARTZITES OF HADRYNIAN AGE. THE GEOCHEMICAL SURVEY RESULTS ARE LOW PROFILE.
WORK DONE: SOIL 121;MULTIELEMENT
SILT 27;CU,PB,ZN,AG,AU,AS
REFERENCES: A.R. 15099

VIC

MINING DIV: CARIBOO ASSESSMENT REPORT 14423 INFO CLASS 3
LOCATION: LAT. 52 46.5 LONG. 121 53.5 NTS: 93A/13W
CLAIMS: VIC 1
OPERATOR: MERFIN RES.
AUTHOR: ALLEN, D.
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY UPPER TRIASSIC AGE VOLCANIC AND SEDIMENTARY ROCKS. DOMINANT LITHOLOGIES ARE AUGITE PORPHYRITIC BASALTS, ANDESITES AND ARGILLITES. THERE ARE ELEVATED MULTIELEMENT VALUES IN SOILS.

WORK DONE: SOIL 313;MULTIELEMENT
ROCK 2;MO,CU,ZN,PB,AG,AU
LINE 18.1 KM
REFERENCES: A.R. 14423

WIM

MINING DIV: CARIBOO ASSESSMENT REPORT 14808 INFO CLASS 3
LOCATION: LAT. 52 59.3 LONG. 121 53.5 NTS: 93A/13W
CLAIMS: WIM 2, WIM-TA 1-2, WIM-TA 5-6, ARNE
OPERATOR: TRIFCO MIN.
AUTHOR: TRIFAUX, R. FAIRBANK, B.
COMMODITIES: TALC
DESCRIPTION: TALC WITHIN SERPENTINITE AND SERPENTINIZED ULTRAMAFIC INTRUSIONS OF MISSISSIPPIAN TO PERMIAN AGE OCCUR AT THREE WIDELY SEPARATED AREAS ALONG A ONE KILOMETRE TREND. TWO BULK SAMPLES TESTED MAY HAVE HAD WEATHERED MATERIAL PRESENT THEREBY AFFECTING RECOVERY OF TALC BY FLOTATION AND THE QUALITY OF SUBSEQUENT PRODUCTS.
WORK DONE: GEOL 1:13800
PETR 6;SAMPLES
MNGR 6;SAMPLES
META 2;SAMPLES
ROAD 0.9 KM
REFERENCES: A.R. 14808

WIM-CAL

MINING DIV: CARIBOO ASSESSMENT REPORT 15283 INFO CLASS 4
LOCATION: LAT. 52 59.2 LONG. 121 58.2 NTS: 93A/13W
CLAIMS: WIM-CAL 1, WIM-CAL 3, WIM-CAL 5
OPERATOR: TRIFAUX, R.
AUTHOR: TRIFAUX, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY TRIASSIC QUESNEL RIVER GROUP SEDIMENTS. SOIL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: SOIL 51;MULTIELEMENT
REFERENCES: A.R. 5492,6722,7248,8012,9625,10078,11348,12280, 15283

QUESNEL LAKE 93A

TIN

MINING DIV: CARIBOO ASSESSMENT REPORT 14398 INFO CLASS 3
LOCATION: LAT. 52 59.0 LONG. 121 14.0 NTS: 93A/14E
CLAIMS: TIN 1-2, TIN 4-5
OPERATOR: MINEQUEST EX. ASSOC.
AUTHOR: PEATFIELD, G.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY A FOLDED SEQUENCE OF FINE CLASTIC SEDIMENTARY ROCKS INTERPRETED AS PART OF THE MIDDLE PALEOZOIC BLACK STUART GROUP AND GUYET FORMATION, INCLUDING A THIN UNIT OF WHITE-WEATHERING BLACK CHERTY PHYLLITE, MUCH LIKE THE "GUNSTEEL FORMATION" OF THE GATAGA RIVER AREA. SOME OF THESE WHITE-WEATHERING CHERTY ROCKS ARE STRONGLY ANOMALOUS IN LEAD.
WORK DONE: GEOL 1:12500
SOIL 53;MULTIELEMENT
ROCK 40;MULTIELEMENT
REFERENCES: A.R. 12869,14398

QUESNEL 93B

KKK, QR

MINING DIV: CARIBOO ASSESSMENT REPORT 14816 INFO CLASS 3
LOCATION: LAT. 52 45.0 LONG. 122 4.5 NTS: 93B/ 9E 93B/16E
CLAIMS: QR 1, KKK 1, MANDY 2-3
OPERATOR: MANDALLA RES.
AUTHOR: LARABIE, E.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC-LOWER JURASSIC TAKLA GROUP VOLCANICS AND VOLCANICLASTICS, INTRUDED BY A CRETACEOUS DIORITE STOCK. SEVERAL NARROW NORTHEAST TRENDING QUARTZ VEINS WITH TETRAHEDRITE MINERALIZATION OCCUR AND CARRY SILVER AND COPPER VALUES. THE GEOCHEMICAL AND GEOPHYSICAL SURVEYS RETURNED ANOMALOUS RESULTS.
WORK DONE: GEOL 1:5000
MAGG 29.7 KM
EMGR 15.6 KM;VLF
SOIL 246;MULTIELEMENT
LINE 32.7 KM
REFERENCES: A.R. 14816

MAG

MINING DIV: CARIBOO ASSESSMENT REPORT 14766 INFO CLASS 3
LOCATION: LAT. 52 33.0 LONG. 122 10.0 NTS: 93B/ 9E
CLAIMS: MAG 4
OPERATOR: GIBRALTAR MINES
AUTHOR: BYSOUTH, G.
DESCRIPTION: THE AREA IS UNDERLAIN BY A SEQUENCE OF DARK GREEN VOLCANIC FLOWS AND ASSOCIATED BRECCIAS AND A SERIES OF VOLCANIC SEDIMENTS, MAINLY GREYWACKE AND FINE TUFF. PREVAILING COMPOSITIONS APPEAR TO BE ANDESITIC. PROBABLE AGE IS JURASSIC. EXPLORATION HAS FOCUSED ON SEVERAL ZONES OF MAGNETITE-EPIDOTE-GARNET SKARN CARRYING SPARSE CHALCOPYRITE AND LOW VALUES IN GOLD.
WORK DONE: DIAD 219.0 M;2 HOLES,NQ
REFERENCES: A.R. 10295,13784,14766

GRANITE LAKE

MINING DIV: CARIBOO ASSESSMENT REPORT 14763 INFO CLASS 3
LOCATION: LAT. 52 30.5 LONG. 122 15.9 NTS: 93B/ 9W
CLAIMS: VE 3, VE 7
OPERATOR: GIBRALTAR MINES
AUTHOR: THON, M.
COMMODITIES: COPPER, MOLYBDENUM
DESCRIPTION: THE MAIN ORE-BEARING ROCK IS MEDIUM-GRAINED QUARTZ-DIORITE OF TRIASSIC AGE. THE COMPOSITION IS ABOUT 30 PER CENT QUARTZ, 50 PER CENT PLAGIOCLASE AND 20 PER CENT MAFICS. IT OCCURS AS A BATHOLITHIC INTRUSION INTO ROCKS OF THE CACHE CREEK GROUP. ALTERATION IS IN THE FORM OF SAUSSURITIZATION, SERICITIZATION, AND CHLORITIZATION. MINERALIZATION CONSISTS OF CHALCOPYRITE, CHALCOCITE, BORNITE, AND MOLYBDENITE. ECONOMIC ORE IN THE GRANITE LAKE AREA COVERS AN AREA ABOUT 1500 METRES BY 900 METRES. ORE IS ORIENTED ABOUT 90 DEGREES OVER 30 DEGREES SOUTH. BLOCK FAULTING HAS DISRUPTED THE CONTINUITY OF THE ORE.
WORK DONE: DIAD 523.3 M;6 HOLES,NQ
SAMP 110;CU,MO
REFERENCES: A.R. 12656,13702,14763
M.I. 093B 013-GRANITE LAKE

SARD, DAVE

MINING DIV: CARIBOO ASSESSMENT REPORT 14433 INFO CLASS 3
LOCATION: LAT. 52 45.0 LONG. 122 16.5 NTS: 93B/ 9W 93B/16W
CLAIMS: SARD 6, DAVE 2
OPERATOR: GIBRALTER MINES
AUTHOR: BYSOUTH, G.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A JURASSIC ASSEMBLAGE OF VOLCANIC FLOWS, BRECCIAS, TUFFS AND TUFFACEOUS SEDIMENTS RANGING FROM ANDESITE TO RHYOLITE IN COMPOSITION. THESE ROCKS APPEAR TO BE CUT BY QUARTZ VEINS WHICH OFTEN CARRY SPARSE CHALCOPYRITE AND PYRITE, USUALLY ACCOMPANIED BY CALCITE OR ANKERITE, AND CHLORITE. ASSAY RESULTS FROM THE DRILL PROGRAM RETURNED NEGLIGIBLE VALUES IN GOLD AND SILVER.
WORK DONE: DIAD 470.3 M;3 HOLES,NQ
SAMP 51;AU,AG
REFERENCES: A.R. 12835,14433

ZE

MINING DIV: CARIBOO ASSESSMENT REPORT 15019 INFO CLASS 3
LOCATION: LAT. 52 36.6 LONG. 122 17.0 NTS: 93B/ 9W
CLAIMS: ZE 4
OPERATOR: GIBRALTAR MINES
AUTHOR: BYSOUTH, G.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY A SEQUENCE OF VOLCANIC AND SEDIMENTARY ROCKS. THE DRILLING HAS IDENTIFIED A THICK SECTION OF PYRITIC ARGILLITE THAT CARRIES LOW GOLD VALUES.
WORK DONE: DIAD 462.3 M;3 HOLES,NQ
SAMP 95;AU
REFERENCES: A.R. 2480,3046,3828,9388,13950,15019

BLACK BEAR

MINING DIV: CARIBOO ASSESSMENT REPORT 15130 INFO CLASS 2
LOCATION: LAT. 52 45.5 LONG. 122 4.0 NTS: 93B/16E
CLAIMS: QR 1, QRT, KKK 1, MANDY 1-3, GRIZZLEY 1-2, KEN 1
OPERATOR: MANDALLA RES.
AUTHOR: DURFELD, R.
COMMODITIES: SILVER, COPPER
DESCRIPTION: THE MANDY PROPERTY IS LOCATED IN THE STRUCTURAL FEATURE KNOWN AS THE QUESNEL TROUGH, A 30 KILOMETRE WIDE, NORTHWEST-TRENDING, EARLY MESOZOIC VOLCANIC-SEDIMENTARY BELT OF REGIONAL EXTENT. IN

THE MANDY AREA, THE TRIASSIC-JURASSIC TAKLA GROUP, COMPRISED OF SUBMARINE VOLCANIC ROCK TOGETHER WITH THEIR DERIVED SEDIMENTARY UNITS, DISCONTINUOUS CARBONATE HORIZONS, AND MARINE SEDIMENTS ARE PREVALENT. CROSS-CUTTING THE TROUGH ARE ALKALINE TO CALC-ALKALINE INTRUSIVE COMPLEXES. ALTERATION ASSOCIATED WITH THE INTRUSIONS HAVE ANOMALOUS VALUES OF COPPER, SILVER AND GOLD.

WORK DONE: GEOL 1:50000
SOIL 2010;MULTIELEMENT
SILT 39;CU,PB,ZN,AG,AU,AS
ROCK 11;CU,PB,ZN,AG,AU,AS
LINE 122.0 KM

REFERENCES: A.R. 14816,15130
M.I. 093B 046-BLACK BEAR

DC

MINING DIV: CARIBOO ASSESSMENT REPORT 14747 INFO CLASS 3
LOCATION: LAT. 52 57.0 LONG. 122 16.0 NTS: 93B/16E 93B/16W
CLAIMS: DC 3-5
OPERATOR: KANGELD RES.
AUTHOR: GONZALEZ, R.
DESCRIPTION: THE PROPERTY IS BELIEVED TO BE UNDERLAIN BY TRIASSIC-JURASSIC TAKLA GROUP ANDESITES. THE SURVEYS FAILED TO DETECT ANY SOIL ANOMALIES OR VLF ELECTROMAGNETIC CONDUCTORS.

WORK DONE: MAGG 12.0 KM
EMGR 3.3 KM;VLF
SOIL 24;MULTIELEMENT
LINE 13.0 KM

REFERENCES: A.R. 14290,14747

PALL

MINING DIV: CARIBOO ASSESSMENT REPORT 14422 INFO CLASS 3
LOCATION: LAT. 52 57.0 LONG. 122 6.0 NTS: 93B/16E
CLAIMS: PALL 2-3
OPERATOR: RISE RES.
AUTHOR: COOKE, D.
DESCRIPTION: THE PROPERTY IS EXTENSIVELY COVERED BY GLACIAL TILL. A PEGMATITIC GRANITE INTRUDES PERMIAN CACHE CREEK GROUP LAMINATED CHERTS AND TUFFS ON THE SOUTHWEST PART OF THE PROPERTY. TERTIARY BASALTS OUTCROP TO THE SOUTH. THE GEOPHYSICAL SURVEYS WERE NOT EFFECTIVE IN OUTLINING MINERALIZED STRUCTURES. GOLD SOIL ANOMALIES OCCUR.

QUESNEL 93B

WORK DONE: MAGG 7.0 KM
EMGR 7.0 KM;VLF
SOIL 153;MULTIELEMENT
ROCK 4;MULTIELEMENT
REFERENCES: A.R. 13639,14422

ANAHIM LAKE 93C

CHILI

MINING DIV: CARIBOO ASSESSMENT REPORT 15162 INFO CLASS 3
LOCATION: LAT. 52 18.5 LONG. 124 1.4 NTS: 93C/ 8E
CLAIMS: CHILI
OPERATOR: NEWMONT EX. OF CAN.
AUTHOR: LIMION, H.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY LOWER JURASSIC HAZELTON GROUP ANDESITES AND BRECCIAS. SEVERAL SMALL PORPHYRY DYKES CARRY MINOR PYRITE AND CHALCOPYRITE MINERALIZATION. GOLD AND SILVER BEARING CHALCOPYRITE OCCURS IN LOW-TEMPERATURE BANDED QUARTZ VEINS ASSOCIATED WITH FAULTING. PROPYLITIC, ARGILLIC AND SILICIC ALTERATION OCCUR. A LARGE HIGHLY RESISTIVE ZONE WAS OUTLINED FROM THE GEOPHYSICAL SURVEY.
WORK DONE: MAGG 9.7 KM
EMGR 9.7 KM
REFERENCES: A.R. 11685,15162

OBOY

MINING DIV: CARIBOO ASSESSMENT REPORT 15298 INFO CLASS 3
LOCATION: LAT. 52 45.0 LONG. 124 14.0 NTS: 93C/ 9E 93C/16E
CLAIMS: OBOY 1-5
OPERATOR: LORNEX MIN.
AUTHOR: WATKINS, J. ATKINSON, M.
DESCRIPTION: TERTIARY OOTSA LAKE GROUP ANDESITES AND LATITES CONTAIN POORLY DEFINED ZONES OF BRECCIATION AND SILICIFICATION WHICH ARE ACCOMPANIED BY SILVER-ARSENIC SOIL GEOCHEMICAL ANOMALIES UP TO 1 KILOMETRE BY 1.5 KILOMETRES IN SIZE.
WORK DONE: GEOL 1:5000
SOIL 213;MULTIELEMENT

ANAHIM LAKE 93C

SILT 6;MULTIELEMENT
ROCK 28;MULTIELEMENT
PETR 15
REFERENCES: A.R. 15298

BELLA COOLA 93D

BELLA COOLA CHIEF, SALLOOM T, TORGER CU

MINING DIV: SKEENA ASSESSMENT REPORT 14674 INFO CLASS 3
LOCATION: LAT. 52 32.0 LONG. 126 33.0 NTS: 93D/10E
CLAIMS: SULPHUR, QUEEN, WHISKY
OPERATOR: GREEN LAKE RES.
AUTHOR: KRUECKL, G.
COMMODITIES: HOST ROCK IS ANDESITE, INTRUDED BY NUMEROUS
DESCRIPTION: BIOTITE GRANITE PORPHYRY DYKES. RELATED TO THE DYKES ARE NARROW QUARTZ VEINS DIPPING FLATLY INTO THE ANDESITES. THE AVERAGE WIDTH OF THE VEIN IS 15 CENTIMETRES. FAULTING HAS TAKEN PLACE OFTEN CUTTING ACROSS THE BIOTITE GRANITE PORPHYRY DYKES. A SECOND SERIES OF QUARTZ FELDSPAR DYKES ARE PRESENT.
WORK DONE: SOIL 122;AG,CU
ROCK 9;AG,CU
LINE 6.3 KM
REFERENCES: A.R. 13493,14674
M.I. 093D 009-BELLA COOLA CHIEF

WHITESAIL LAKE 93E

BEAVER

MINING DIV: SKEENA ASSESSMENT REPORT 14752 INFO CLASS 4
LOCATION: LAT. 53 29.5 LONG. 127 43.0 NTS: 93E/ 5E
CLAIMS: BEAVER 5-6
OPERATOR: KRUSZEWSKI, J.
AUTHOR: BARKER, D.
DESCRIPTION: METASEDIMENTARY ROCKS THAT DIP 45 DEGREES NORTHEASTERLY ARE CUT BY THE "MAIN SMITH VEIN" THAT

DIPS 65 DEGREES SOUTHWESTERLY. THE QUARTZ VEIN SWELLS TO SEVERAL METRES IN WIDTH AND IS MINERALIZED WITH AURIFEROUS PYRITE, CHALCOPYRITE AND MALACHITE. THIS IS PROBABLY THE SAME SHOWING AS SMITH AND NASH DESCRIBED IN ASSESSMENT REPORT 8834 WHICH PREVIOUS WORKERS HAVE PLOTTED TO THE WEST.
WORK DONE: PROS 1:1000
REFERENCES: A.R. 14752

DUK

MINING DIV: OMINECA ASSESSMENT REPORT 14837 INFO CLASS 3
LOCATION: LAT. 53 36.2 LONG. 125 59.4 NTS: 93E/ 9E 93F/12W
CLAIMS: DUK 2
OPERATOR: ASITKA RES.
AUTHOR: ALLEN, G.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY RHYOLITIC VOLCANIC ROCKS OF THE OOTSA LAKE GROUP. A BROAD ZONE OF ARGILLIZATION AND QUARTZ VEINING LOCALLY CONTAINS ANOMALOUS GOLD, SILVER AND ARSENIC VALUES.
WORK DONE: GEOL 1:5000
ROCK 12;AU,AG
DIAD 77.0 M;3 HOLES,IAX
SAMP 49;AU,AG,AS
REFERENCES: A.R. 14557,14837

SEEL

MINING DIV: OMINECA ASSESSMENT REPORT 15125 INFO CLASS 4
LOCATION: LAT. 53 39.2 LONG. 126 55.3 NTS: 93E/10W
CLAIMS: SEEL
OPERATOR: RICHARDS, T.
AUTHOR: RICHARDS, T.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY FELDSPAR PORPHYRY, GREYWACKE AND TUFFS OF THE LOWER JURASSIC HAZELTON GROUP AND RHYOLITE AND DACITE OF THE EOCENE OOTSA LAKE GROUP. GEOCHEMICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: SOIL 3;MULTIELEMENT
SILT 6;MULTIELEMENT
ROCK 26;MULTIELEMENT
TREN 3.0 M;1 TRENCH
PITS 4
REFERENCES: A.R. 11235,15125

OX

MINING DIV: OMINECA ASSESSMENT REPORT 15381 INFO CLASS 3
LOCATION: LAT. 53 38.5 LONG. 127 1.2 NTS: 93E/11E
CLAIMS: OX-EAST, OX-C
OPERATOR: INT. DAMASCUS RES.
AUTHOR: SMALLWOOD, A. SORBARA, J.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY CRETACEOUS-TERTIARY OOTSA LAKE GROUP FELSIC VOLCANICS CUT BY PORPHYRITIC DYKES. SILVER AND GOLD VALUES ARE ASSOCIATED WITH VEINS IN SHEAR ZONES CUTTING THE FELSIC VOLCANICS. AREAS OF PYRITIC, ALTERED FELSIC VOLCANICS ARE RESPONSIBLE FOR INDUCED POLARIZATION CONDUCTORS.
WORK DONE: GEOL 1:2500
EMGR 10.6 KM;VLF
IPOL 30.0 KM
ROCK 36;MULTIELEMENT
LINE 36.3 KM
REFERENCES: A.R. 14685,15381

OX LAKE

MINING DIV: OMINECA ASSESSMENT REPORT 14482 INFO CLASS 4
LOCATION: LAT. 53 40.3 LONG. 127 2.9 NTS: 93E/11E
CLAIMS: TAH, OX 5, OX 11, OX 18, OX 57, OX 59, HI 1 FR.
OPERATOR: CONS. SILVER
AUTHOR: QUARTERMAIN, R.
COMMODITIES: COPPER, MOLYBDENUM, LEAD, ZINC, SILVER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY LOWER JURASSIC HAZELTON GROUP INTERMEDIATE TUFFACEOUS VOLCANIC ROCKS WITH LESSER CLASTIC FINE TO MEDIUM GRAINED SEDIMENTARY ROCKS. THE HAZELTON LITHOLOGIES HAVE BEEN INTRUDED BY A LATE CRETACEOUS GRANODIORITE PORPHYRY. DISSEMINATED COPPER MINERALIZATION OCCURS IN HORNFELS ON THE WESTERN MARGIN OF THE STOCK. POLYMETALLIC SULPHIDE VEINS OCCUR PERIPHERAL TO THE INTRUSION AND CARRY ASSAY CREDITS IN LEAD, ZINC AND SILVER.
WORK DONE: SILT 6;MULTIELEMENT
ROCK 17;MULTIELEMENT
SAMP 6;PB,ZN,AG,AU
REFERENCES: A.R. 6505,9536,10312,14482
M.I. 093E 004-OX LAKE

OX-EAST

MINING DIV: OMINECA ASSESSMENT REPORT 14685 INFO CLASS 2
LOCATION: LAT. 53 38.5 LONG. 127 1.0 NTS: 93E/11E
CLAIMS: OX-EAST
OPERATOR: INT. DAMASCUS RES.
AUTHOR: GOLDSMITH, L.
COMMODITIES: SILVER, LEAD, ZINC
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY THE OOTSA LAKE GROUP (LATE CRETACEOUS OR EARLY TERTIARY) WHICH MAY BE COMPOSED OF RHYOLITE AND DACITE FLOWS, BRECCIA AND TUFF. INTRUSIVE PLUGS AND DOMES OF RHYOLITIC QUARTZ FELDSPAR PORPHYRY MAY ALSO BE INCLUDED. KAOLINIZATION OF FELDSPAR IS PERVASIVE AND FINE-GRAINED DISSEMINATED PYRITE IS COMMON TO ABUNDANT. SOME ROCKS ARE BRITTLE BECAUSE OF WEAK TO MODERATE SILICIFICATION. LEAD, ZINC, SILVER AND GOLD MINERALIZATION OCCURS. ATTITUDES WERE NOT DETERMINED.
WORK DONE: MAGG 22.2 KM
SOIL 787;AG,PB,ZN,AS,SB
DIAD 721.3 M;7 HOLES,BQ
SAMP 31;AU,AG,PB,ZN
LINE 26.7 KM
REFERENCES: A.R. 14685
M.I. 093E 119-OX-EAST

WILDFIRE

MINING DIV: OMINECA ASSESSMENT REPORT 14467 INFO CLASS 4
LOCATION: LAT. 53 36.0 LONG. 127 1.0 NTS: 93E/11E
CLAIMS: WILDFIRE
OPERATOR: RULE RES.
AUTHOR: GOWER, S.
DESCRIPTION: THE CLAIM IS PREDOMINANTLY UNDERLAIN BY EOCENE OOTSA GROUP ROCKS CONSISTING OF VOLCANIC PYROCLASTIC FLOWS AND VOLCANICLASTICS. A MAJOR SILICIFIED SHEAR ZONE CUTS THROUGH THE CENTRE OF OF THE CLAIM. ROCK SAMPLING RETURNED LOW GOLD VALUES.
WORK DONE: SOIL 3;AU
SILT 6;AU
ROCK 37;AU
PROS 1:500
REFERENCES: A.R. 14467

OVP

MINING DIV: OMINECA ASSESSMENT REPORT 14953 INFO CLASS 4
LOCATION: LAT. 53 32.6 LONG. 127 22.0 NTS: 93E/11W
CLAIMS: CORE LODE 1, NUSWAT
OPERATOR: PAYDAY RES.
AUTHOR: KALLOCK, P. GOLDSMITH, L.
COMMODITIES: COPPER, MOLYBDENUM
DESCRIPTION: AN UPPER CRETACEOUS ZONED CIRCULAR STOCK OF GRANODIORITE TO QUARTZ MONZONITE INTRUDES ROCKS OF THE LOWER JURASSIC HAZELTON GROUP. A LENSOID SHAPED QUARTZ PORPHYRY OR RHYOLITE INTRUSION CUTS THE STOCK ALONG ITS WESTERN MARGIN. DYKES OF QUARTZ PORPHYRY, LAMPROPHYRE, ANDESITE, AND FELDSPAR PORPHYRY CUT BOTH INTRUSIONS. SOIL RESULTS RETURNED LOW GOLD VALUES.
WORK DONE: SOIL 35;AU
ROCK 1;AU
REFERENCES: A.R. 1091,2026,3253,14953
M.I. 093E 003-OVP

OVP (LAKE SHOWING)

MINING DIV: OMINECA ASSESSMENT REPORT 15314 INFO CLASS 3
LOCATION: LAT. 53 32.6 LONG. 127 22.0 NTS: 93E/11W
CLAIMS: CORE LODE 1-2, NUSWAT
OPERATOR: GOLDSMITH, L.
AUTHOR: KALLOCK, P. GOLDSMITH, L.
COMMODITIES: COPPER, MOLYBDENUM, GOLD, SILVER
DESCRIPTION: A COMPOSITE STOCK OF GRANODIORITE-QUARTZ MONZONITE INTRUDES LOWER JURASSIC HAZELTON GROUP VOLCANICS AND SEDIMENTS, LOWER CRETACEOUS SKEENA GROUP SEDIMENTS AND UPPER CRETACEOUS KASALKA GROUP INTERMEDIATE VOLCANICS. PORPHYRY STYLE CHALCOPYRITE-MOLYBDENITE MINERALIZATION IS PRESENT IN ADDITION TO SMALL GOLD BEARING PYRITIC QUARTZ-GALENA VEINS THAT MAY BE PERIPHRAL AND GENETICALLY RELATED TO THE INTRUSIVE WHICH HOSTS THE PORPHYRY MINERALIZATION. ANOMALOUS GEOCHEMICAL AND GEOPHYSICAL RESULTS WERE OBTAINED.
WORK DONE: GEOL 1:5000
MAGG 22.8 KM
SOIL 411;AU
ROCK 18;AU,AG
REFERENCES: A.R. 1091,2026,3253,12278,14953,15314
M.I. 093E 003-OVP (LAKE SHOWING)

WHITESAIL LAKE 93E

TETS

MINING DIV: OMINECA ASSESSMENT REPORT 14829 INFO CLASS 4
LOCATION: LAT. 53 50.6 LONG. 126 57.0 NTS: 93E/15W
CLAIMS: TETS
OPERATOR: SHELFORD, J.
AUTHOR: SHELFORD, J.
DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY MESOZOIC AGE MAFIC INTRUSIVE ROCKS. DRILLING RESULTS SEEM TO VALIDITATE THIS.
WORK DONE: ROCK 8;MULTIELEMENT
DIAD 27.4 M;2 HOLES,EX
SAMP 3;MULTIELEMENT
TREN 9.4 M;4 TRENCHES
PITS 1
REFERENCES: A.R. 4580,7101,9072,9248,10308,12175,13648,14829

NECHAKO RIVER 93F

EXO

MINING DIV: OMINECA ASSESSMENT REPORT 15129 INFO CLASS 3
LOCATION: LAT. 53 24.0 LONG. 125 42.0 NTS: 93F/ 5E
CLAIMS: EXO 1
OPERATOR: WHITESAIL JOINT
AUTHOR: LEASK, J.
COMMODITIES: TUNGSTEN, COPPER, ZINC, MOLYBDENUM, SILVER
DESCRIPTION: SEVERAL ZONES OF PYRRHOTITE-SCHEELITE-GARNET-DIOPSIDE SKARN AND A STOCKWORK QUARTZ-CHALCOPYRITE-MOLYBDENITE-SCHEELITE VEINLETS OCCUR WITHIN A LARGE ZONE OF HIGHLY ALTERED AND HORNFELSED LIMY SILTSTONES OF THE TAKLA GROUP NEAR AN INTRUSIVE PLUG.
WORK DONE: GEOL 1:10000
REFERENCES: A.R. 15129
M.I. 093F 050-EXO

ASPEN

MINING DIV: OMINECA ASSESSMENT REPORT 14701 INFO CLASS 3
LOCATION: LAT. 53 23.0 LONG. 125 5.0 NTS: 93F/ 6E
CLAIMS: ASPEN 1-2
OPERATOR: JMT SERVICES
AUTHOR: RICHARDS, G.
DESCRIPTION: THE ASPEN CLAIMS ARE UNDERLAIN BY TERTIARY AGE VOLCANIC ROCKS WHICH ARE DIVIDED INTO A LOWER RHYOLITE AND QUARTZ-RHYOLITE UNIT AND AN UPPER ANDESITE-BASALT UNIT. A LARGE AREA OF JASPER VEINING WITHIN THE UPPER VOLCANIC PILE HAS ASSOCIATED ANOMALOUS LEAD AND ZINC VALUES IN SOILS AND BEDROCK.
WORK DONE: SOIL 280;MULTIELEMENT
ROCK 25;AU,AG,AS,SB,HG
REFERENCES: A.R. 9503,10319,14701

B

MINING DIV: OMINECA ASSESSMENT REPORT 14675 INFO CLASS 4
LOCATION: LAT. 53 18.5 LONG. 125 10.0 NTS: 93F/ 6E
CLAIMS: B
OPERATOR: GRANGES EX.
AUTHOR: ZBITNOFF, G. LEADER, J.
DESCRIPTION: THE B CLAIM IS UNDERLAIN BY TRIASSIC-JURASSIC TAKLA GROUP RHYOLITIC TO ANDESITIC VOLCANICS AND MARINE SEDIMENTS. 7.6 METRES OF DIAMOND DRILLING (WINKIE) WAS COMPLETED TO INVESTIGATE ANOMALOUS GOLD AND SILVER RESULTS FROM A PREVIOUS PROGRAM. AN ALTERED RHYOLITE WITH DISSEMINATED (15 PER CENT) PYRITE WAS ENCOUNTERED; PRECIOUS METAL VALUES OBTAINED WERE INSIGNIFICANT.
WORK DONE: SOIL 14;MULTIELEMENT
DIAD 7.6 M;1 HOLE,EX
SAMP 4;AU,AG
REFERENCES: A.R. 14675

PIG

MINING DIV: OMINECA ASSESSMENT REPORT 14939 INFO CLASS 3
LOCATION: LAT. 53 28.0 LONG. 124 49.9 NTS: 93F/ 7W
CLAIMS: PIG, PIG 2
OPERATOR: LAC MIN.
AUTHOR: TURNA, R.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY ANDESITES OF THE LOWER JURASSIC HAZELTON GROUP. SOIL SURVEY RESULTS ARE

LOW.
WORK DONE: SOIL 214;AU,AS
ROCK 2;AU,AS,AG,HG,SB
LINE 14.8 KM
REFERENCES: A.R. 14939

PRINCE GEORGE 93G

BAR

MINING DIV: CARIBOO ASSESSMENT REPORT 14986 INFO CLASS 4
LOCATION: LAT. 53 6.4 LONG. 122 11.5 NTS: 93G/ 1E
CLAIMS: BAR 1-2, BAR 5-6
OPERATOR: PUNDATA GOLD
AUTHOR: ROED, M.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY TRIASSIC-JURASSIC TAKLA GROUP BASALTS, ANDESITES AND RELATED SEDIMENTS. PYRITE AND QUARTZ VEINING OCCUR IN FRACTURED VOLCANICS.
WORK DONE: GEOL 1:20000
FOTO 1:60000
REFERENCES: A.R. 14986

BAU

MINING DIV: CARIBOO ASSESSMENT REPORT 15113 INFO CLASS 3
LOCATION: LAT. 53 13.0 LONG. 122 9.0 NTS: 93G/ 1E
CLAIMS: BAU 1-4
OPERATOR: EUREKA RES.
AUTHOR: LEISHMAN, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC BLACK ARGILLITES THAT ARE SIMILAR TO THOSE OCCURRING ON THE FRASERGOLD PROPERTY, WHERE GOLD OCCURS IN STRATA CONTROLLED QUARTZ VEINS AND LENSES WITHIN THE SEDIMENTS. POTENTIAL MINERALIZATION ON THE BAU CLAIM GROUP HAS BEEN INDICATED BY ANOMALOUS VALUES OF GOLD IN STREAM SEDIMENTS AND SOIL SAMPLES.
WORK DONE: SOIL 379;AU
ROAD 5.0 KM
REFERENCES: A.R. 15113

CQ

MINING DIV: CARIBOO ASSESSMENT REPORT 14975 INFO CLASS 3
LOCATION: LAT. 53 6.0 LONG. 122 10.8 NTS: 93G/ 1E
CLAIMS: CQ 2
OPERATOR: ABBY INVESTMENT
AUTHOR: MORAAL, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC-LOWER JURASSIC TAKLA GROUP VOLCANICS AND METASEDIMENTS. GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: MAGG 8.8 KM
EMGR 8.0 KM;VLF
LINE 8.8 KM
REFERENCES: A.R. 13789,14975

HANDY

MINING DIV: CARIBOO ASSESSMENT REPORT 14472 INFO CLASS 4
LOCATION: LAT. 53 5.5 LONG. 122 7.7 NTS: 93G/ 1E
CLAIMS: HANDY I
OPERATOR: GOBBI, R.
AUTHOR: MORAAL, D.
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP AUGITE PORPHYRY BASALTS AND ARGILLITES THAT STRIKE NORTHWESTERLY.
WORK DONE: PROS 1:10000
REFERENCES: A.R. 14472

HANDY

MINING DIV: CARIBOO ASSESSMENT REPORT 14852 INFO CLASS 4
LOCATION: LAT. 53 6.0 LONG. 122 5.5 NTS: 93G/ 1E
CLAIMS: HANDY II-IV
OPERATOR: MARY CREEK RES.
AUTHOR: MORAAL, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP VOLCANICS AND SEDIMENTS CONSISTING OF AUGITE PORPHYRY BASALTS AND ARGILLITES. THE SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: GEOL 1:5000
MAGG 0.3 KM
EMGR 0.3 KM;VLF
SOIL 33;MULTIELEMENT
LINE 9.0 KM
REFERENCES: A.R. 12474,14472,14852

SUE

MINING DIV: CARIBOO ASSESSMENT REPORT 14458 INFO CLASS 4
LOCATION: LAT. 53 5.5 LONG. 122 3.0 NTS: 93G/ 1E
CLAIMS: SUE
OPERATOR: MOONEY, M.
AUTHOR: MOONEY, M.
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY UPPER TRIASSIC ARGILLITES. THE DRILL PROGRAM RETURNED LOW GOLD VALUES.
WORK DONE: ROTD 37.0 M;1 HOLE
SAMP 5;AU
REFERENCES: A.R. 14458

UMI

MINING DIV: CARIBOO ASSESSMENT REPORT 14396 INFO CLASS 3
LOCATION: LAT. 53 8.5 LONG. 122 12.0 NTS: 93G/ 1E
CLAIMS: UMI 1-2, UMI 4
OPERATOR: KARGEN DEV.
AUTHOR: FREEZE, J.
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY UPPER TRIASSIC-LOWER JURASSIC TAKLA GROUP VOLCANICS CONSISTING OF ANDESITE TUFFS, FLOWS, AGGLOMERATES AND BRECCIAS, BASALT, GREYWACKE, SHALE AND LIMESTONE. THE GEOCHEMICAL SURVEY RETURNED ANOMALOUS GOLD VALUES IN STREAM SEDIMENT SAMPLES.
WORK DONE: SOIL 86;MULTIELEMENT
HMIN 6;MULTIELEMENT
REFERENCES: A.R. 14396

G 28, G 30

MINING DIV: CARIBOO ASSESSMENT REPORT 15084 INFO CLASS 4
LOCATION: LAT. 53 11.9 LONG. 122 21.5 NTS: 93G/ 1W
CLAIMS: G28, G30
OPERATOR: GABRIEL RES.
AUTHOR: WALCOTT, P.
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY EARLY CRETACEOUS NAVER INTRUSIONS CONSISTING OF QUARTZ MONZONITE AND GRANODIORITE, UPPER TRIASSIC-LOWER JURASSIC TAKLA GROUP ANDESITE, BASALT AND BLACK PHYLLITE, AND PALEOZOIC KAZA GROUP SCHIST AND AMPHIBOLITE. THE GEOPHYSICAL SURVEY RESULTS IDENTIFIED A LARGE NORTHWESTERLY TRENDING COMPLEX CHARGEABILITY ZONE ALTHOUGH THE SURVEY APPEARED TO BE CONDUCTED ALONG THE STRIKE OF THE GEOLOGICAL FORMATION.

WORK DONE: IPOL 4.6 KM
REFERENCES: A.R. 627,2212,3385,11061,13211,13712,15084

HUSH

MINING DIV: CARIBOO ASSESSMENT REPORT 15114 INFO CLASS 3
LOCATION: LAT. 53 8.0 LONG. 122 22.5 NTS: 93G/ 1W
CLAIMS: HUSH 3
OPERATOR: HUNTER GOLD
AUTHOR: CUKOR, V. CUKOR, D.
DESCRIPTION: THE CLAIMS LIE WITHIN THE QUESNEL TROUGH OF TRIASSIC-JURASSIC TAKLA VOLCANIC AND SEDIMENTARY ROCKS COINCIDENT GEOCHEMICAL AND GEOPHYSICAL ANOMALIES ARE INTERPRETED TO INDICATE UNDERLYING SMALL INTRUSIVE PLUGS AND ASSOCIATED SULPHIDE MINERALIZATION.
WORK DONE: MAGG 16.0 KM
EMGR 16.0 KM;VLF
SOIL 159;CU,AU
LINE 16.0 KM
REFERENCES: A.R. 15114

SASHA

MINING DIV: CARIBOO ASSESSMENT REPORT 14918 INFO CLASS 4
LOCATION: LAT. 53 17.4 LONG. 122 0.7 NTS: 93G/ 8E
CLAIMS: SASHA 4
OPERATOR: HEGEL, R.
AUTHOR: HEGEL, R.
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY PHYLLITES AND QUARTZITES OF HADRYNIAN AGE.
WORK DONE: PROS 1:5000
REFERENCES: A.R. 14918

G

MINING DIV: CARIBOO ASSESSMENT REPORT 15085 INFO CLASS 2
LOCATION: LAT. 53 20.5 LONG. 122 23.0 NTS: 93G/ 8W
CLAIMS: G 2, G 4-5, G 7-8, G 10-15, G 37, G 43, G 48
OPERATOR: GABRIEL RES.
AUTHOR: WALCOTT, P. GONZALEZ, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY EARLY CRETACEOUS NAVER INTRUSIONS CONSISTING OF QUARTZ MONZONITE AND GRANODIORITE, UPPER TRIASSIC - LOWER JURASSIC TAKLA GROUP ANDESITE, BASALT AND BLACK PHYLLITE,

AND PALEOZOIC AGE KAZA GROUP SCHIST AND AMPHIBOLITE. THE GEOPHYSICAL SURVEY IDENTIFIED A NUMBER OF COMPLEX CONDUCTORS OF MODERATE TO GOOD CONDUCTIVITY.
WORK DONE: MAGG 68.0 KM
EMGR 61.2 KM;HLEM
SOIL 157;MULTIELEMENT
ROCK 6;MULTIELEMENT
LINE 23.2 KM
REFERENCES: A.R. 12211,13212,14266,15085

SASHA

MINING DIV: CARIBOO ASSESSMENT REPORT 14917 INFO CLASS 4
LOCATION: LAT. 53 17.5 LONG. 122 26.5 NTS: 93G/ 8W
CLAIMS: SASHA 1
OPERATOR: HEGEL, R.
AUTHOR: HEGEL, R.
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY TAKLA GROUP ANDESITES OF UPPER TRIASSIC AGE.
WORK DONE: PROS 1:5000
REFERENCES: A.R. 14917

EKIM

MINING DIV: CARIBOO ASSESSMENT REPORT 14955 INFO CLASS 4
LOCATION: LAT. 53 31.0 LONG. 122 58.8 NTS: 93G/10W
CLAIMS: EKIM
OPERATOR: COMINCO
AUTHOR: NOAKES, S.
DESCRIPTION: THE CLAIM APPEARS TO BE UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP VOLCANICS AND SEDIMENTS. SILT SAMPLES RETURNED ELEVATED VALUES IN MERCURY.
WORK DONE: SOIL 64;MULTIELEMENT
SILT 21;MULTIELEMENT
REFERENCES: A.R. 14955

BOBTAIL

MINING DIV: CARIBOO ASSESSMENT REPORT 15160 INFO CLASS 4
LOCATION: LAT. 53 36.6 LONG. 123 26.1 NTS: 93G/11W
CLAIMS: BOBTAIL I
OPERATOR: MASCOT GOLD MINES
AUTHOR: MCNAUGHTON, K.

DESCRIPTION: THE CLAIM IS UNDERLAIN BY SLIGHTLY SERPENTINIZED PERMIAN TO TRIASSIC ULTRAMAFICS. A PREVIOUS STREAM SEDIMENT GOLD ANOMALY HAS BEEN DUPLICATED WITH GOLD VALUES RUNNING UP TO 6549 PPB IN PANNED CONCENTRATES.

WORK DONE: GEOL 1:10000
SOIL 61;MULTIELEMENT
ROCK 5;MULTIELEMENT
HMIN 10;MULTIELEMENT
LINE 6.0 KM

REFERENCES: A.R. 10828,15160

JEN

MINING DIV: CARIBOO ASSESSMENT REPORT 15127 INFO CLASS 3
LOCATION: LAT. 53 53.0 LONG. 123 26.0 NTS: 93G/14W
CLAIMS: JEN 1-2
OPERATOR: CAMPBELL, C.
AUTHOR: CAMPBELL, C.

DESCRIPTION: THE JEN CLAIM GROUP IS UNDERLAIN BY CHERTY ARGILLITE AND GREENSTONES OF THE PERMIAN CACHE CREEK GROUP. LISTWANITE OCCURS NEAR THE CENTRE OF JEN #1. QUARTZ VEINLETS CARRYING PYRITE AND FINE GOLD CUT SERICITIZED AND CARBONATIZED ANDESITIC TUFFS. THE ZONE OF INTEREST APPEARS TO STRIKE TO THE NORTHWEST AND DIP TO THE NORTHEAST.

WORK DONE: GEOL 1:5000
SPOT 8.5 KM
SOIL 215;AU
ROCK 46;AU
PETR 8

REFERENCES: A.R. 14037,15127

MEGA

MINING DIV: CARIBOO ASSESSMENT REPORT 15089 INFO CLASS 3
LOCATION: LAT. 53 58.5 LONG. 122 0.7 NTS: 93G/16E
CLAIMS: MEGA
OPERATOR: NORANDA EX.
AUTHOR: MACARTHUR, R.

DESCRIPTION: THE AREA IS UNDERLAIN BY TRIASSIC-JURASSIC TAKLA GROUP ROCKS AND MISSISSIPPIAN SLIDE MOUNTAIN GROUP ROCKS. THE AREA APPEARS TO BE HIGHLY FAULTED WITH VARIOUS BEDDING ATTITUDES. GEOCHEMICAL SOIL SURVEY RESULTS INDICATE A SMALL ZINC-LEAD ANOMALY IN AN AREA OF MINOR LEAD-ZINC-SILVER

MINERALIZATION IN FRACTURED VOLCANICS.
WORK DONE: SOIL 113;PB,ZN,AG,CU
REFERENCES: A.R. 5539,15089

MCBRIDE 93H

TINSDALE

MINING DIV: CARIBOO ASSESSMENT REPORT 15009 INFO CLASS 3
LOCATION: LAT. 53 2.0 LONG. 121 12.5 NTS: 93H/ 3E
CLAIMS: TINSDALE 1-2
OPERATOR: COMINCO
AUTHOR: NOAKES, S.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY CAMBRIAN DOME CREEK FORMATION BLACK SHALE, GREEN PHYLLITE AND LIMESTONE TO THE EAST AND BLACK SLATE, ARGILLITE, CHERTY ARGILLITE, BLACK LIMESTONE AND SILICIFIED LIMESTONE OF THE ORDOVICIAN TO MISSISSIPPIAN BLACK STUART FORMATION ON THE WEST. ANOMALOUS ZINC VALUES OCCUR IN SOIL AND ROCK CHIP SAMPLES.
WORK DONE: SOIL 67;CU,PB,ZN,AU,BA,V
SILT 29;CU,PB,ZN,AU,BA,V
ROCK 13;CU,PB,ZN,AU,BA,V
REFERENCES: A.R. 15009

TINSDALE

MINING DIV: CARIBOO ASSESSMENT REPORT 15366 INFO CLASS 4
LOCATION: LAT. 53 1.5 LONG. 121 14.2 NTS: 93H/ 3E 93H/ 3W
CLAIMS: TINSDALE 1-4
OPERATOR: COMINCO
AUTHOR: MAWER, A.
DESCRIPTION: THE CLAIMS ARE MAINLY UNDERLAIN BY NORTHWEST STRIKING FOLDED AND FAULTED OLIVE BROWN WEATHERING MUDSTONES AND BLACK CARBONACEOUS, IN PART SILICEOUS OR PHOSPHATIC MUDSTONES, SILTSTONES WITH MINOR INTERBEDDED AMYGDALOIDAL VOLCANICS, QUARTZITE, AND ORANGE WEATHERING SILTSTONES OF THE ORDOVICIAN-MISSISSIPPIAN LOWER BLACK STUART GROUP. ROCK CHIP SAMPLING INDICATES ANOMALOUS VALUES IN PHOSPHATE, BARIUM AND VANADIUM.
WORK DONE: GEOL 1:10000
ROCK 46;MULTIELEMENT
REFERENCES: A.R. 15009,15366

ARCH

MINING DIV: CARIBOO ASSESSMENT REPORT 14836 INFO CLASS 3
LOCATION: LAT. 53 4.0 LONG. 121 33.5 NTS: 93H/ 4E
CLAIMS: ARCH 1-4
OPERATOR: EGH RES.
AUTHOR: MYERS, W.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY ARGILLITES, QUARTZITES AND LIMESTONES OF THE CAMBRIAN AGE SNOWSHOE AND MIDAS FORMATIONS. TWO VLF ELECTROMAGNETIC CONDUCTIVE TRENDS OCCUR ON THE PROPERTY.
WORK DONE: EMGR 18.3 KM;VLF
ROCK 36;MULTIELEMENT
REFERENCES: A.R. 14836

BARK

MINING DIV: CARIBOO ASSESSMENT REPORT 14200 INFO CLASS 4
LOCATION: LAT. 53 1.9 LONG. 121 32.0 NTS: 93H/ 4E
CLAIMS: BARK 1-3
OPERATOR: WHITING, F.
AUTHOR: WHITING, F.
DESCRIPTION: THE CLAIMS COVER AN AREA AT THE UPPER (SOUTH) PART OF THE VALLEY OF WILLIAMS CREEK, ABOUT 2 KILOMETRES SOUTH OF BARKERVILLE, AT MINK GULCH. STRONG WIDE QUARTZ VEINS ARE EXPOSED CUTTING ROCKS OF THE CARIBOO GROUP.
WORK DONE: SOIL 16;MULTIELEMENT
REFERENCES: A.R. 8947,14200

COULTER CREEK

MINING DIV: CARIBOO ASSESSMENT REPORT 15046 INFO CLASS 3
LOCATION: LAT. 53 6.1 LONG. 121 39.7 NTS: 93H/ 4E
CLAIMS: P.L. 810-816, P.L. 10773-774, P.M.L. 6495-98, NL 1-4 A 1-2, A 3 FR. - 5 FR.
OPERATOR: VERTEX RES.
AUTHOR: CAMPBELL, K. COFFIN, D.
COMMODITIES: PLACER GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY HADRYNIAN KAZU GROUP BLACK SILTITES, PHYLLITES, MICACEOUS QUARTZITES AND AMPHIBOLITE. PLACER GOLD OCCURS IN AN ELEVATED, BURIED CHANNEL OF COULTER CREEK.
WORK DONE: GEOL 1:10000
SEIS 1.4 KM
SOIL 168;MULTIELEMENT

SILT 19;MULTIELEMENT
ROCK 16;AU
HMIN 10;AU
REFERENCES: A.R. 7541,15046
M.I. 093H 109-COULTER CREEK

HAPPY, LYNN B

MINING DIV: CARIBOO ASSESSMENT REPORT 14636 INFO CLASS 4
LOCATION: LAT. 53 4.5 LONG. 121 41.5 NTS: 93H/ 4E
CLAIMS: HAPPY, LYNN B, GOLD RUN
OPERATOR: DAVIE, R.
AUTHOR: MYERS, W.
COMMODITIES: PLACER GOLD
DESCRIPTION: ARGILLITE, QUARTZITE AND PHYLLITE OF THE CARIBOO SERIES ARE CUT BY A STRONG NORTHERLY TRENDING FAULT THROUGH THE CENTRE OF THE CLAIMS. THE ARGILLITE IS HIGHLY ALTERED TO GRAPHITIC SCHISTS IN CONJUNCTION WITH FAULTING. AURIFEROUS AND FREE GOLD OCCUR IN NORTHEAST TRENDING QUARTZ VEINS. SOME FREE GOLD OCCURS IN QUARTZ ALSO. THE VLF SURVEY OUTLINED A CONDUCTIVE ZONE THAT MAY REPRESENT GRAPHITIC ARGILLITES AND/OR FAULT ZONES. THE REFRACTION SEISMIC SURVEY INDICATES A HIGH VELOCITY LAYER NEAR SURFACE THOUGHT TO BE CLAY HARDPAN. DUE TO POOR ENERGY PROPAGATION, MANY SEISMIC PROFILES WERE NOT COMPLETED.
WORK DONE: EMGR 1.2 KM;VLF
SEIS 0.6 KM
REFERENCES: A.R. 13252,14636

P.L. 2587

MINING DIV: CARIBOO ASSESSMENT REPORT 14517 INFO CLASS 3
LOCATION: LAT. 53 7.7 LONG. 121 32.2 NTS: 93H/ 4E
CLAIMS: EML 2-3
OPERATOR: EGH RES.
AUTHOR: MYERS, W.
COMMODITIES: PLACER GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY ARGILLITE, PHYLLITE, QUARTZITE AND LIMESTONE OF THE CAMBRIAN CARIBOO GROUP. NORTH-SOUTH TRENDING FAULTS OCCUR. SEVERAL VLF-ELECTROMAGNETIC CONDUCTORS HAVE BEEN IDENTIFIED.
WORK DONE: EMGR 12.5 KM;VLF
ROCK 12;MULTIELEMENT

TREN 100.0 M;1 TRENCH
REFERENCES: A.R. 14517
M.I. 093H 045-P.L. 2587

SANDI

MINING DIV: CARIBOO ASSESSMENT REPORT 15161 INFO CLASS 4
LOCATION: LAT. 53 11.5 LONG. 121 42.4 NTS: 93H/ 4E
CLAIMS: SANDI 4
OPERATOR: NORANDA EX.
AUTHOR: MACARTHUR, R.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER PALEOZOIC METASEDIMENTARY ROCKS BELONGING TO THE SNOWSHOE AND ANTLER FORMATIONS. THE ROCKS ARE HIGHLY DEFORMED AND METAMORPHOSED TO GREENSCHIST FACIES. GEOCHEMICAL SAMPLING RESULTS RECONFIRMS PREVIOUS ANOMALOUS COPPER-ZINC-LEAD RESPONSES.
WORK DONE: SOIL 19;CU,ZN,PB,AG,AS,AU
SILT 3;CU,ZN,PB,AG,AS,AU
ROCK 1;CU,ZN,PB,AG,AS,AU
REFERENCES: A.R. 15161

STEEP

MINING DIV: CARIBOO ASSESSMENT REPORT 14513 INFO CLASS 2
LOCATION: LAT. 53 10.3 LONG. 121 40.8 NTS: 93H/ 4E
CLAIMS: STEEP 1-2
OPERATOR: GYRO ENERGY & MIN.
AUTHOR: PEZZOT, E. WHITE, G.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A PRECAMBRIAN SEQUENCE OF SEDIMENTS KNOWN AS THE CARIBOO SERIES. EXPLORATION EMPHASIS IS ON GOLD-BEARING QUARTZ VEINS THAT CUT THE STRATA AT RIGHT ANGLES AND ARE KNOWN LOCALLY AS THE TRAVERSE VEINS. THE GEOPHYSICAL SURVEY IDENTIFIED ANOMALOUS MAGNETIC FEATURES AND SEVERAL VLF-ELECTROMAGNETIC CONDUCTORS.
WORK DONE: MAGA 2000.0 KM
EMAB 2000.0 KM;VLF
REFERENCES: A.R. 14513

YUMA

MINING DIV: CARIBOO ASSESSMENT REPORT 14454 INFO CLASS 4
LOCATION: LAT. 53 7.0 LONG. 121 34.0 NTS: 93H/ 4E
CLAIMS: YUMA
OPERATOR: WINSTON MANAGEMENT
AUTHOR: PEZZOT, E. WHITE, G.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY THE MISSISSIPPIAN-PERMIAN AGE DOWNIE CREEK SERIES CONSISTING OF LIMESTONE QUARTZITE, PHYLLITE, SLATE AND METATUFF AND LIES ALONG THE SOUTHWESTERN LIMB OF A NORTHWEST TRENDING ANTICLINE. THE GEOPHYSICAL SURVEYS IDENTIFIED A SERIES OF WEAK VLF-ELECTROMAGNETIC CONDUCTORS ASSOCIATED WITH A MAGNETIC HIGH FEATURE.
WORK DONE: MAGA 30.0 KM
EMAB 30.0 KM;VLF
REFERENCES: A.R. 14454

CUSH

MINING DIV: CARIBOO ASSESSMENT REPORT 14450 INFO CLASS 3
LOCATION: LAT. 53 31.3 LONG. 120 9.0 NTS: 93H/ 9E
CLAIMS: CUSH 1-6
OPERATOR: COMINCO
AUTHOR: WOODCOCK, J.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY THE PROTEROZOIC MIETTE GROUP WHCIH CONSISTS OF SLATE-SILTSTONE TURBIDITES WITH WIDESPREAD DISSEMINATED PYRITE. THE RESULTS FROM THE GEOCHEMICAL SURVEY ARE NEGLIGIBLE.
WORK DONE: GEOL 1:2500
SOIL 60;CU,PB,ZN,CO,AG,AU
REFERENCES: A.R. 14450

DL

MINING DIV: CARIBOO ASSESSMENT REPORT 14999 INFO CLASS 3
LOCATION: LAT. 53 37.0 LONG. 121 42.5 NTS: 93H/12E 93H/12W
CLAIMS: DL 1-12
OPERATOR: NEWMONT EX. OF CAN.
AUTHOR: NEBOCAT, J. EDMUNDS, F.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY HIGHLY CONTORTED CARBONACEOUS SHALES OF THE DEVONO-MISSISSIPPIAN BLACK STUART FORMATION. THE SHALE BASIN REGRESSES UPWARDS, CULMINATING IN CHERT PEBBLE CONGLOMERATE OF THE MISSISSIPPIAN GUYET FORMATION. SOUTHWESTER-

LY-DIRECTED THRUST FAULTS EXPOSE SILTSTONES OF THE UNDERLYING CAMBRIAN DOME CREEK FORMATION ALONG BOWRON RIVER. TRANSVERSE AND BLOCK FAULTING HAS DOWN-DROPPED OPHIOLITIC ROCKS OF THE MISSISSIPPIAN ANTLER FORMATION NEXT TO BLACK STUART AND DOME CREEK STRATIGRAPHY. BEDDED BARITE HAS BEEN OBSERVED IN OUTCROP AND AS FLOAT IN TWO ADJACENT CREEKS, 1300 METRES APART.

WORK DONE: GEOL 1:20000
SILT 161;MULTIELEMENT
ROCK 565;MULTIELEMENT

REFERENCES: A.R. 14999

LIN

MINING DIV: CARIBOO ASSESSMENT REPORT 15210 INFO CLASS 4

LOCATION: LAT. 53 55.4 LONG. 121 20.2 NTS: 93H/14W

CLAIMS: LIN 2

OPERATOR: NORANDA EX.

AUTHOR: SAVELL, M.

DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LOWER SILURIAN LIMESTONES, ARGILLITES, SILTSTONES AND MAFIC VOLCANICS WHICH OCCUPY THE SOUTHWEST LIMB OF A NORTHWEST TRENDING ANTICLINE. GEOCHEMICAL SURVEY RESULTS ARE LOW.

WORK DONE: GEOL 1:5000
SILT 18;MULTIELEMENT
ROCK 17;MULTIELEMENT

REFERENCES: A.R. 15210

MONKMAN PASS 93I

SNOW

MINING DIV: CARIBOO ASSESSMENT REPORT 14815 INFO CLASS 3

LOCATION: LAT. 54 0.5 LONG. 121 32.5 NTS: 93I/ 4E

CLAIMS: SNOW, LONG 1-2, DOLL 1-2, RAIN 1-4

OPERATOR: CONS. SILVER

AUTHOR: QUARTERMAIN, R.

COMMODITIES: SILICA

DESCRIPTION: THE LONGWORTH CLAIMS ARE UNDERLAIN BY LOWER SILURIAN CLASTIC SEDIMENTS INCLUDING SOME CARBONATES. THE SEDIMENTS DIP STEEPLY NORTHEAST.

A DISCONTINUOUS QUARTZITE HORIZON ALONG BEARPAW RIDGE CONTAINS FEW CONTAMINANTS OTHER THAN MICA-RICH PEGMATITE VEINS AND MINOR HEMATITE AND IS CHEMICALLY SUITABLE FOR SILICON METAL PRODUCTION.

WORK DONE: GEOL 1:2000
ROCK 42;SI,AL,CA,FE
META 16;THERMAL SHOCK
TOPO 1:10000
REFERENCES: A.R. 14815
M.I. 093H 038-SNOW

COPPER GULCH

MINING DIV: CARIBOO ASSESSMENT REPORT 15200 INFO CLASS 4
LOCATION: LAT. 54 15.0 LONG. 121 45.0 NTS: 93I/ 5W
CLAIMS: EAST 1, WEST 1
OPERATOR: HIGH RIVER RES.
AUTHOR: VERLEY, C.
COMMODITIES: COPPER, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LOWER CAMBRIAN METASEDIMENTS. CHALCOPYRITE OCCURS IN SEVERAL NORTHWESTERLY TRENDING, STEEPLY DIPPING QUARTZ-CARBONATE VEINS IN PHYLLITIC ROCKS AT THE HINGE OF AN ANTICLINE. THE VEINS ARE UP TO TWO METRES WIDE.
WORK DONE: GEOL 1:10000,1:3000
ROCK 8;MULTIELEMENT
REFERENCES: A.R. 2759,12890,15200
M.I. 093I 001-COPPER GULCH

MCLEOD LAKE 93J

EEDA

MINING DIV: CARIBOO ASSESSMENT REPORT 15329 INFO CLASS 4
LOCATION: LAT. 54 39.0 LONG. 122 33.3 NTS: 93J/10E
CLAIMS: EEDA 1
OPERATOR: COMINCO
AUTHOR: MAWER, A.
DESCRIPTION: THE CLAIM IS OVERLAIN BY EXTENSIVE GLACIAL DRIFT COVER AND ROCK OUTCROP IS VERY SCARCE. THE FEW OUTCROPS THAT WERE LOCATED CONSISTED OF TRIASSIC-JURASSIC BLACK ARGILLITE, DARK GREY LIMESTONE, GREEN-GREY MUDSTONE AND CHALCEDONIC SILICA-

CEMENTED PYRITIC CHERT BRECCIA. THE ROCK UNITS GENERALLY TREND NORTHWESTERLY AND DIP VERTICALLY. SURVEY RESULTS INDICATE THAT THE AREA IS MOST LIKELY NOT UNDERLAIN BY A CARBONATIC OR KIMBERLITIC DIATREME.

WORK DONE: GEOL 1:5000
SCGR 1.2 KM
ROCK 9;MULTIELEMENT
REFERENCES: A.R. 15329

TACH

MINING DIV: CARIBOO ASSESSMENT REPORT 15322 INFO CLASS 4
LOCATION: LAT. 54 41.8 LONG. 122 33.3 NTS: 93J/10E
CLAIMS: TACH 1
OPERATOR: COMINCO
AUTHOR: MAWER, A.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY EXTENSIVE GLACIAL DRIFT WITH DEPTHS IN EXCESS OF TEN METRES. THE FEW OUTCROPS THAT DO OCCUR ARE PRINCIPALLY SEDIMENTS OF THE LOWER CAMBRIAN KECHIKA GROUP. RESULTS OF THE GEOLOGICAL AND GEOCHEMICAL SURVEYS INDICATE THAT THE CLAIM IS NOT LIKELY TO BE UNDERLAIN BY A CARBONATITIC OR KIMBERLITIC DIATREME.
WORK DONE: GEOL 1:5000
SILT 62;MULTIELEMENT
ROCK 7;MULTIELEMENT
REFERENCES: A.R. 15322

WE

MINING DIV: CARIBOO ASSESSMENT REPORT 14853 INFO CLASS 3
LOCATION: LAT. 54 38.0 LONG. 122 53.2 NTS: 93J/10W
CLAIMS: WE 1
OPERATOR: NORANDA EX.
AUTHOR: BAERG, R.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY LOWER CAMBRIAN METASEDIMENTS OF THE CARIBOO GROUP. THE DRILL HOLE IDENTIFIED THE SOURCE OF AN ELECTROMAGNETIC CONDUCTOR AS BEING A GRAPHITIC FAULT ZONE.
WORK DONE: DIAD 106.7 M;1 HOLE,BQ
SAMP 22;W,AU
REFERENCES: A.R. 14853

MCLEOD LAKE 93J

WINDY

MINING DIV: CARIBOO ASSESSMENT REPORT 14449 INFO CLASS 3
LOCATION: LAT. 54 56.3 LONG. 123 49.8 NTS: 93J/13W
CLAIMS: WINDY 1-2
OPERATOR: BRINCO
AUTHOR: HEWTON, R.
COMMODITIES: COPPER, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP VOLCANICS AND INTRUSIVES. A TRENCH HAS EXPOSED EPIDOTE ALTERED DIORITE WITH ASSOCIATED CHALCOPYRITE MINERALIZATION THAT CARRIES GOLD VALUES. THE GEOCHEMICAL SURVEY RETURNED ANOMALOUS GOLD AND COPPER SOIL VALUES.
WORK DONE: SOIL 236;CU,AU,PB
ROCK 9;CU,AU,PB
PETR 4
REFERENCES: A.R. 14449
M.I. 093J 024-WINDY

FORT FRASER 93K

FISH LAKE

MINING DIV: OMINECA ASSESSMENT REPORT 15350 INFO CLASS 4
LOCATION: LAT. 54 13.8 LONG. 124 10.6 NTS: 93K/ 1E
CLAIMS: FISH LAKE
OPERATOR: CAMPBELL, C.
AUTHOR: CAMPBELL, C.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY PERMIAN-PENNSYLVANIAN CACHE CREEK GROUP SEDIMENTS AND GREENSTONES. A SELF POTENTIAL ANOMALY IS COINCIDENT WITH A SINGLE STATION GOLD SOIL ANOMALY.
WORK DONE: SPOT 1.8 KM
SOIL 19;AU
REFERENCES: A.R. 15350

BOLING

MINING DIV: OMINECA ASSESSMENT REPORT 15358 INFO CLASS 3
LOCATION: LAT. 54 28.7 LONG. 125 28.2 NTS: 93K/ 6W
CLAIMS: BABINE
OPERATOR: SHAEDE, E.
AUTHOR: SHAEDE, E.
COMMODITIES: SILVER, LEAD, ZINC
DESCRIPTION: THE CLAIM IS UNDERLAIN BY PERMIAN-PENNSYLVANIAN CACHE CREEK GROUP GREENSTONES, CHERTS, ARGILLITES, QUARTZITES, AND LIMESTONES INTRUDED BY JURASSIC TOPLEY DIORITE. SILVER, LEAD AND ZINC MINERALIZATION OCCURS IN VEINS AND SHEAR ZONES. SOIL GEOCHEMISTRY RETURNED ANOMALOUS MULTIELEMENT VALUES.
WORK DONE: EMGR 1.9 KM;VLF
SOIL 84;MULTIELEMENT
SILT 1;MULTIELEMENT
ROCK 49;MULTIELEMENT
LINE 1.9 KM
ROAD 1.0 KM
REFERENCES: A.R. 15358
M.I. 093K 028-BOLING

SNOWBIRD

MINING DIV: OMINECA ASSESSMENT REPORT 15261 INFO CLASS 3
LOCATION: LAT. 54 26.1 LONG. 124 30.1 NTS: 93K/ 7E 93K/ 8W
CLAIMS: SNOWBIRD, SHAFT FR., CAMPSITE, SNOWBIRD 1
OPERATOR: X-CAL RES.
AUTHOR: DUNN, D.
COMMODITIES: GOLD, ANTIMONY
DESCRIPTION: PALEOZOIC CHERT AND ARGILLITE HOST A TEN TO THIRTY METRE NORTHWEST TRENDING STRUCTURE WITH ASSOCIATED SERPENTINE AND CARBONATIZATION. WITHIN THE STRUCTURE ARE GOLD AND ANTIMONY BEARING QUARTZ VEINS UP TO TWO METRES IN WIDTH. A RESERVE OF 4545 TONNES GRADING 6.4 GRAMMES/TONNE GOLD AND THREE PER CENT ANTIMONY ARE INDICATED BY TRENCHING AND SINKING A DECLINE.
WORK DONE: EMGR 20.0 KM;VLF
LINE 20.0 KM
REFERENCES: A.R. 520,2764,3520,5136,8613,15261
M.I. 093K 036-SNOWBIRD

GROS

MINING DIV: OMINECA ASSESSMENT REPORT 14926 INFO CLASS 3
LOCATION: LAT. 54 50.6 LONG. 124 44.6 NTS: 93K/15E 93K/15W
CLAIMS: GROS, GROS 2
OPERATOR: EQUINOX RES.
AUTHOR: CHRISTOFFERSEN J
DESCRIPTION: THE CLAIMS STRADDLE THE PINCHI FAULT, A NORTH NORTHWEST STRIKING STRUCTURE WHICH JUXTAPOSES PERMIAN-PENNSYLVANIAN CACHE CREEK GROUP SEDIMENTARY ROCKS ON THE WEST AND UPPER TRIASSIC TAKLA GROUP VOLCANO-SEDIMENTARY ROCKS ON THE EAST. ULTRAMAFIC ROCKS COMMONLY OCCUR WITHIN THE FAULT ZONE. THE DRILLING INTERSECTED STRUCTURALLY CONTROLLED SERPENTINITE WITHIN THE PINCHI FAULT SEPARATING TAKLA GROUP GREYWACKES TO THE EAST FROM CACHE CREEK GROUP CARBONATES AND CHERT TO THE WEST. LOW GOLD AND ARSENIC VALUES WERE OBTAINED FROM DRILL CUTTINGS ANALYSES.
WORK DONE: ROTD 733.7 M;21 HOLES
SAMP 26;AU,AS
ROAD 1.5 KM
REFERENCES: A.R. 12295,14926

SMITHERS 93L

OCT

MINING DIV: OMINECA ASSESSMENT REPORT 14603 INFO CLASS 3
LOCATION: LAT. 54 8.0 LONG. 126 17.0 NTS: 93L/ 1E 93L/ 1W
CLAIMS: OCT 2
OPERATOR: KENGOLD MINES
AUTHOR: WARREN, L.
DESCRIPTION: THE AREA IS LARGELY OVERBURDEN-COVERED EXCEPT FOR OUTCROPS OF EOCENE GOOSLY LAKE VOLCANICS ON RIDGE TOPS AND IN CREEK BOTTOMS. PERCUSSION DRILLING INTERSECTED MESOZOIC VOLCANICS BENEATH THE EOCENE COVER ROCKS.
WORK DONE: PERD 182.9 M;2 HOLES
ROAD 6.0 KM
REFERENCES: A.R. 14603

SAM GOOSLY

MINING DIV: OMINECA ASSESSMENT REPORT 15374 INFO CLASS 2
LOCATION: LAT. 54 11.1 LONG. 126 16.1 NTS: 93L/ 1E 93L/ 1W
CLAIMS: T 102-104, REV 4
OPERATOR: EQUITY SILVER MINES
AUTHOR: PEASE, R.
COMMODITIES: COPPER, SILVER, GOLD
DESCRIPTION: DEPOSITS OCCUR IN UPPER CRETACEOUS PYROCLASTICS. ORE MINERALS ARE RESTRICTED TO TABULAR ZONES SUBCONCORDANT TO HOST ROCKS, AND OCCUR AS DISSEMINATIONS, VEINS, FRACTURE FILLINGS, AND BRECCIA MATRICIES. PRINCIPAL MINERALS ARE TETRA HEDRITE AND CHALCOPYRITE. THE ORE ZONES ARE ENVELOPED BY AN ADVANCED ARGILLIC ALTERATION SUITE. THREE DIAMOND DRILL HOLES INTERSECTED SIGNIFICANT MINERALIZATION.
WORK DONE: DIAD 2542.8 M;12 HOLES,NQ
SAMP 580;MULTIELEMENT
REFERENCES: A.R. 1683,5346,6456,6985,7166,7343,10727,10869, 14942,15374,15379
M.I. 093L 001-SAM GOOSLY

SAM GOOSLY

MINING DIV: OMINECA ASSESSMENT REPORT 15379 INFO CLASS 1
LOCATION: LAT. 54 11.1 LONG. 126 16.1 NTS: 93L/ 1E 93L/ 1W
CLAIMS: SG 19-24, SG 30
OPERATOR: EQUITY SILVER MINES
AUTHOR: PEASE, R.
COMMODITIES: COPPER, SILVER, GOLD
DESCRIPTION: DEPOSITS OCCUR IN UPPER CRETACEOUS PYROCLASTICS. ORE MINERALS ARE RESTRICTED TO TABULAR ZONES SUBCONCORDANT TO HOST ROCKS, AND OCCUR AS DISSEMINATIONS, VEINS, FRACTURE FILLINGS AND BRECCIA MATRICIES. THE PRINCIPAL MINERALS ARE TETRAHEDRITE AND CHALCOPYRITE. THE ORE ZONES ARE ENVELOPED BY AN ADVANCED ARGILLIC ALTERATION SUITE, AND ARE DATED AT 58 MA. DIAMOND DRILLING NORTH OF SUPERSTITION CREEK INTERSECTED A NEW MINERALIZED STRUCTURE WHICH HAS BEEN TERMED THE HOPE ZONE. HOLES DRILLED IN THE SUPERSTITION ZONE LEAD TO FURTHER STUDY AND ADDITIONAL DRILLING TO DETERMINE FEASIBILITY OF MINING. THE HOPE ZONE IS POORLY DEFINED AND THE GRADE OF THE SUPERSTITION ZONE APPEARS TO BE BELOW AN ECONOMIC LEVEL.
WORK DONE: DIAD 3449.9 M;18 HOLES,NQ
SAMP 998;MULTIELEMENT

REFERENCES: A.R. 1683,5346,6456,6985,7166,7343,10727,10869, 14942,15379
M.I. 093L 001-SAM GOOSLY

COLLEEN, FEB

MINING DIV: OMINECA ASSESSMENT REPORT 14761 INFO CLASS 3
LOCATION: LAT. 54 8.5 LONG. 126 18.5 NTS: 93L/ 1W
CLAIMS: FEB
OPERATOR: KENGOLD MINES
AUTHOR: WARREN, L.
DESCRIPTION: THE AREA IS OVERBURDEN-COVERED; GOOSLY LAKE VOLCANICS OUTCROP RARELY IN CREEK BOTTOMS AND ON RIDGE TOPS. DRILLING INTERSECTED TERTIARY BASALT, VESICULAR ANDESITE, TRACHYTE AND DACITE.
WORK DONE: PERD 274.0 M;3 HOLES
REFERENCES: A.R. 14761

DAVE, SEPT

MINING DIV: OMINECA ASSESSMENT REPORT 14183 INFO CLASS 3
LOCATION: LAT. 54 10.9 LONG. 126 19.5 NTS: 93L/ 1W
CLAIMS: SEPT 1, DAVE, SEPT
OPERATOR: NORMINE RES.
AUTHOR: CARTER, N.
DESCRIPTION: MUCH OF THE PROPERTY IS DRIFT-COVERED WITH BEDROCK EXPOSURES RESTRICTED TO THE NORTHERN AND WESTERN CLAIMS. LATE CRETACEOUS ANDESITIC LAVAS AND BRECCIAS ARE EXPOSED ALONG KLO CREEK IN THE WESTERN CLAIMS AND TERTIARY VOLCANIC ROCKS ARE EXPOSED IN ROAD CUTS AND AT HIGHER ELEVATIONS NEAR THE NORTHERN CLAIMS BOUNDARY. TWO STRONG CHARGEABILITY ANOMALIES WERE IDENTIFIED ON THE NORTHERN PART OF THE CLAIMS.
WORK DONE: MAGG 14.1 KM
EMGR 14.1 KM;VLF
IPOL 14.1 KM
LINE 14.1 KM
REFERENCES: A.R. 3508,5195,14183

MORNING, TET

MINING DIV: OMINECA ASSESSMENT REPORT 14346 INFO CLASS 3
LOCATION: LAT. 54 11.0 LONG. 126 22.0 NTS: 93L/ 1W
CLAIMS: MORNING, TET 1-3
OPERATOR: NORMINE RES.
AUTHOR: CARTER, N.
DESCRIPTION: MUCH OF THE PROPERTY IS DRIFT-COVERED; LATE CRETACEOUS ANDESITIC LAVAS AND BRECCIAS ARE EXPOSED IN THE NORTHERN AND SOUTHERN PARTS OF THE CLAIM GROUP. A QUARTZ-SERICITE-SULPHIDE ALTERATION ZONE WITH SILVER AND ZINC VALUES HAS BEEN PARTIALLY DEFINED BY PERCUSSION DRILLING IMMEDIATELY EAST OF THE GOOSLY 2 CLAIMS AND THE PURPOSE OF THIS PROGRAM WAS TO EXPLORE FOR A SOUTHEAST EXTENSION OF THIS ZONE. THERE ARE THREE STRONG CHARGEABILITY ANOMALIES.
WORK DONE: MAGG 10.5 KM
EMGR 10.5 KM;VLF
IPOL 10.5 KM
SOIL 120;PB,ZN,AG,AS,HG
LINE 10.5 KM
REFERENCES: A.R. 14346

SAM GOOSLY

MINING DIV: OMINECA ASSESSMENT REPORT 14942 INFO CLASS 3
LOCATION: LAT. 54 11.1 LONG. 126 16.1 NTS: 93L/ 1W
CLAIMS: TAN 1, T46
OPERATOR: EQUITY SILVER MINES
AUTHOR: PEASE, R.
COMMODITIES: COPPER, SILVER
DESCRIPTION: THE EQUITY SILVER MINE OCCURS IN A HOMOCLINAL INLIER OF UPPER JURASSIC TO CRETACEOUS AGE CONSISTING OF SEDIMENTARY, PYROCLASTIC AND VOLCANIC ROCKS FLANKED BY INTRUSIONS AND SURROUNDED BY YOUNGER, UNCONFORMABLE TERTIARY AGE ANDESITIC TO BASALTIC FLOWS AND BRECCIAS. MINERALIZATION CONSISTING OF PYRITE, TETRAHEDRITE AND CHALCOPYRITE OCCURS AS DISSEMINATIONS, VEINS, FRACTURE FILLINGS AND LOCALLY AS MASSIVE PODS IN ZONES OF INTENSE FRACTURING AND BRECCIATION WITHIN THE VOLCANIC SEQUENCE. THE DRILL PROGRAM TESTED FOR POSSIBLE EXTENSIONS OF MINERALIZED STRUCTURES BUT INTERSECTED UNALTERED AND UNMINERALIZED INTERBEDDED VOLCANIC SANDSTONES AND CONGLOMERATES.
WORK DONE: DIAD 531.4 M;4 HOLES,NQ
SAMP 73;MULTIELEMENT

REFERENCES: A.R. 1683,5346,6456,6985,7166,7343,10727,10869,
14942
M.I. 093L 001-SAM GOOSLY

PAR

MINING DIV: OMINECA ASSESSMENT REPORT 15004 INFO CLASS 4
LOCATION: LAT. 54 7.2 LONG. 126 36.5 NTS: 93L/ 2E
CLAIMS: PAR
OPERATOR: NORMINE RES.
AUTHOR: WARREN, L.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY TERTIARY MAFIC VOLCANICS.
WORK DONE: SOIL 1;MULTIELEMENT
ROCK 1;MULTIELEMENT
HMIN 2;MULTIELEMENT
PROS 1:20000
REFERENCES: A.R. 15004

HAG

MINING DIV: OMINECA ASSESSMENT REPORT 15175 INFO CLASS 4
LOCATION: LAT. 54 10.1 LONG. 127 1.7 NTS: 93L/ 3E
CLAIMS: HAG 2
OPERATOR: ZASTAVNIKOVICH, S.
AUTHOR: ZASTAVNIKOVICH
DESCRIPTION: LOWER JURASSIC HAZELTON GROUP VOLCANICS UNDERLIE MOST OF THE CLAIM AREA TO THE WEST, WHILE EOCENE BUCK CREEK VOLCANICS UNDERLIE THE SOUTHEASTERN CORNER. SOIL GEOCHEMISTRY RETURNED ANOMALOUS MULTIELEMENT VALUES.
WORK DONE: SOIL 9;MULTIELEMENT
HMIN 9;MULTIELEMENT
REFERENCES: A.R. 4194,6233,6658,8447,13097,14060,15175

DEER

MINING DIV: OMINECA ASSESSMENT REPORT 15383 INFO CLASS 3
LOCATION: LAT. 54 23.8 LONG. 126 34.2 NTS: 93L/ 7E
CLAIMS: TRAC LAKE 1-2, CORAMAR, TRAC 5-6, TRAC FR., TRAC LAKE 7
OPERATOR: AMANDA RES.
AUTHOR: SALAZAR, G.
COMMODITIES: COPPER, LEAD, ZINC, FLUORITE
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LOWER JURASSIC HAZELTON GROUP VOLCANIC ROCKS INTRUDED BY A PORPHYRY

STOCK. MINERALIZATION IS CHALCOPYRITE-MOLYBDENITE PORPHYRY TYPE WITH MINOR GOLD AND SILVER VALUES. CARBONATE ALTERED VOLCANICS ALSO CONTAIN CHALCOPYRITE, GALENA, SPHALERITE, WEAK SILVER, TRACES OF GOLD AND MINOR FLUORITE. GEOPHYSICAL SURVEY RESULTS IDENTIFIED ANOMALOUS MAGNETIC AND VLF ELECTROMAGNETIC FEATURES.

WORK DONE: GEOL 1:7500
MAGG 51.8 KM
EMGR 51.8 KM;VLF
LINE 58.0 KM

REFERENCES: A.R. 1608,3767,13733,15383
M.I. 093L 011-DEER

GOLD BRICK

MINING DIV: OMINECA ASSESSMENT REPORT 14698 INFO CLASS 1
LOCATION: LAT. 54 18.0 LONG. 126 37.2 NTS: 93L/ 7E
CLAIMS: BUCK, LORNE, CLOUD, BETH 4, BETH 6-7, BETH 9-13
OPERATOR: BP RES. CAN.
AUTHOR: REBAGLIATI, C.
COMMODITIES: SILVER, ZINC, GOLD

DESCRIPTION: QUARTZ FELDSPAR PORPHYRY DYKES INTRUDE HAZELTON GROUP ANDESITIC AND DACITIC FRAGMENTAL VOLCANIC ROCKS. PYRITE-MARCASITE-CLAY-SERICITE-CARBONATE ALTERATION IS WIDESPREAD AND IS CONTROLLED BY DYKE EMPLACEMENT. MINERALIZATION COMPRISES LOW CONCENTRATIONS OF DISSEMINATED SPHALERITE, AND MINOR THIN SPHALERITE, GALENA, CHALCOPYRITE AND ARSENOPYRITE VEINLETS.

WORK DONE: GEOL 1:5000,1:1000
SOIL 1174;MULTIELEMENT
ROCK 809;AU,AG,ZN,AS,SB
DIAD 2022.3 M;22 HOLES,NQ
SAMP 655;MULTIELEMENT
LINE 35.8 KM
TREN 1735.0 M

REFERENCES: A.R. 6304,6484,6737,6912,10166,11976,12521,13425,14698
M.I. 093L 009-GOLD BRICK

ROBERTA

MINING DIV: OMINECA ASSESSMENT REPORT 15380 INFO CLASS 3
LOCATION: LAT. 54 30.3 LONG. 126 40.0 NTS: 93L/ 7E 93L/10E
CLAIMS: GABRIELLA, MAY, SANDRA, DANIELLA, ROBERTA
OPERATOR: CK & G MANAGEMENT
AUTHOR: WALKER, J.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY VOLCANICLASTIC ROCKS OF THE LOWER JURASSIC HAZELTON GROUP AND JURASSIC BULKLEY GRANDODIORITE INTRUSIONS. AIRBORNE GEOPHYSICS IDENTIFIED ANOMALOUS MAGNETIC AND VLF ELECTROMAGNETIC FEATURES.
WORK DONE: MAGA 128.0 KM
EMAB 128.0 KM;VLF
REFERENCES: A.R. 13763,15380

BARR

MINING DIV: OMINECA ASSESSMENT REPORT 14174 INFO CLASS 3
LOCATION: LAT. 54 26.2 LONG. 126 53.4 NTS: 93L/ 7W
CLAIMS: EMERSON 1, EMERSON 2
OPERATOR: BP MIN.
AUTHOR: REBAGLIATI, C. GRAVEL, J.
COMMODITIES: MOLYBDENUM, COPPER
DESCRIPTION: A RHYOLITE PORPHYRY STOCK HAS INTRUDED CRETACEOUS FELSIC TUFF. CLAY, SERICITE AND SILICA ALTERATION ARE WIDESPREAD. LOW CONCENTRATIONS OF DISSEMINATED PYRITE ARE UBIQUITIOUS. BANDED QUARTZ STRINGERS ARE IRREGULARLY DISTRIBUTED AND CARRY MINOR MOLYBDENITE AND PYRITE. TWO STRONG MULTIELEMENT ANOMALIES WERE OUTLINED OVER AND ADJACENT TO THE ALTERED STOCK.
WORK DONE: SOIL 662;MULTIELEMENT
ROCK 11;MULTIELEMENT
PETR 8
REFERENCES: A.R. 1139,869,2309,3077,7060,14174
M.I. 093L 032-BARR

BARR

MINING DIV: OMINECA ASSESSMENT REPORT 15378 INFO CLASS 3
LOCATION: LAT. 54 26.2 LONG. 126 53.4 NTS: 93L/ 7W
CLAIMS: EMERSON 1-2
OPERATOR: LORNEX MIN.
AUTHOR: CANN, R.
COMMODITIES: MOLYBDENUM, COPPER
DESCRIPTION: STRONG PERVASIVE PHYLLIC ALTERATION HAS AFFECTED

UPPER CRETACEOUS (?) DACITIC VOLCANIC ROCKS AND ASSOCIATED PORPHYRITIC PLUGS AND DYKES. A WEAK QUARTZ-MOLYBDENITE STOCKWORK IS ASSOCIATED WITH THESE INTRUSIVE ROCKS. TRENCHING OF A LARGE PERIPHERAL SILVER-LEAD-GOLD SOIL ANOMALY UNCOVERED SCATTERED SILVER-RICH GALENA-SPHALERITE-TETRAHEDRITE VEINS AND VEINLETS.

WORK DONE: GEOL 1:5000
SOIL 234;MULTIELEMENT
SAMP 104;AU,AG,MO,CU
MNGR 2;XRD
TREN 453.0 M;5 TRENCHES

REFERENCES: A.R. 869,1139,2309,3077,7060,14174,15378
M.I. 093L 032-BARR

RAIN, SUCCESS, SHOLTO

MINING DIV: OMINECA ASSESSMENT REPORT 15259 INFO CLASS 4
LOCATION: LAT. 54 16.0 LONG. 126 45.5 NTS: 93L/ 7W
CLAIMS: RAVEN 1-6
OPERATOR: MOLL, J.
AUTHOR: MOLL, J.
COMMODITIES: SILVER, COPPER, MOLYBDENUM
DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY A VOLCANIC SEQUENCE OF BASIC RHYOLITIC TUFFS AND FLOWS OF THE JURASSIC HAZELTON GROUP.
WORK DONE: PROS 1:5000
REFERENCES: A.R. 797,2844,6311,15259
M.I. 093L 006-RAIN;093L 007-SUCCESS;093L 202-SHOLTO

WALCOTT

MINING DIV: OMINECA ASSESSMENT REPORT 15357 INFO CLASS 4
LOCATION: LAT. 54 26.3 LONG. 126 49.3 NTS: 93L/ 7W
CLAIMS: CANYON
OPERATOR: SHAEDE, E.
AUTHOR: SHAEDE, E.
COMMODITIES: COPPER, GOLD, SILVER
DESCRIPTION: THE CLAIM IS UNDERLAIN BY FELSIC VOLCANICS OF THE LOWER JURASSIC HAZELTON GROUP IN CONTACT WITH A CRETACEOUS DIORITE INTRUSIVE. MAGNETITE, CHALCOPYRITE, GOLD AND SILVER MINERALIZATION OCCUR IN BANDS OF CHERT.
WORK DONE: MAGG 2.0 KM
EMGR 2.0 KM;VLF

SILT 2;MULTIELEMENT
ROCK 48;MULTIELEMENT
PROS 1:5000
REFERENCES: A.R. 15357
M.I. 093L 031-WALCOTT

GOLDEN EAGLE, GOLD, THREE STAR

MINING DIV: OMINECA ASSESSMENT REPORT 14361 INFO CLASS 2
LOCATION: LAT. 54 34.7 LONG. 126 14.5 NTS: 93L/ 9E 93L/ 9W
CLAIMS: GOLDEN EAGLE 1, GOLDEN EAGLE 2, GOLDEN EAGLE 3
GOLDEN EAGLE 4, COR 1-2, TUYA 1-4, SILVER CUP
OPERATOR: BISHOP RES. DEV.
AUTHOR: HOLT, E.
COMMODITIES: SILVER, GOLD, LEAD, ZINC, COPPER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY FRAGMENTAL VOLCANIC ROCKS OF THE JURASSIC-CRETACEOUS HAZELTON GROUP, TELKWA FORMATION. THE VOLCANIC ROCKS INCLUDE ANDESITE PORPHYRY, BRECCIA AND TUFF. WIDESPREAD SERICITIC ALTERATION IS PRESENT WITH LOCALIZED PROPYLITIC AND ADVANCED ARGILLIC AREAS. MAJOR FAULTING HAS OCCURRED AND MICROFRACTURING IS PREDOMINANT. GALENA, SPHALERITE, TETRAHEDRITE, AND CHALCOPYRITE OCCUR IN QUARTZ-CARBONATE VEINS. THE DRILLING PROGRAM TESTED THE VEIN EXTENSIONS AND RETURNED LEAD, ZINC AND SILVER VALUES. THE INDUCED POLARIZATION SURVEY REVEALED CONDUCTIVE ZONES THAT REPRESENT THE VEIN SYSTEM AND ALSO OUTLINED OTHER ZONES THAT SHOULD BE TESTED.
WORK DONE: IPOL 33.0 KM
DIAD 744.2 M;14 HOLES,NQ
SAMP 73;CU,PB,ZN,AG,AU
TOPO 1:2500
LINE 33.0 KM
REFERENCES: A.R. 6771,9938,10656,11840,14361
M.I. 093L 015-GOLDEN EAGLE;093L 016-GOLD;
093L 017-THREE STAR

GOLDEN EAGLE, SILVER CUP, THREE STAR, BOX

MINING DIV: OMINECA ASSESSMENT REPORT 15063 INFO CLASS 3
LOCATION: LAT. 54 34.7 LONG. 126 14.5 NTS: 93L/ 9E
CLAIMS: TUYA 3-4, KEL, RAD, QUE, PEA, ARE
OPERATOR: BISHOP RES. DEV.
AUTHOR: JANES, R.
COMMODITIES: LEAD, ZINC, SILVER, GOLD, COPPER
DESCRIPTION: ANDESITIC AND DACITIC PYROCLASTICS, MEMBERS OF THE

HAZELTON VOLCANICS OF JURASSIC AGE, HOST QUARTZ-CARBONATE VEINS MINERALIZED WITH PYRITE, GALENA, SPHALERITE, CHALCOPYRITE AND TETRAHEDRITE. WIDESPREAD BLEACHING OF THE HOST VOLCANICS OCCURS WHERE THE VEINS ARE GENTLY DIPPING.

WORK DONE: DIAD 759.4 M;3 HOLES,NQ
SAMP 130;AU,AG,CU,ZN,PB
TOPO 1:5000
REFERENCES: A.R. 6771,9938,10656,11840,14361,15063
M.I. 093L 015-GOLDEN EAGLE;093L 016-SILVER CUP;
093L 017-THREE STAR;093L 273-BOX

DECE

MINING DIV: OMINECA ASSESSMENT REPORT 15148 INFO CLASS 3
LOCATION: LAT. 54 43.0 LONG. 126 38.0 NTS: 93L/10E
CLAIMS: DECE
OPERATOR: CAN. UNITED MIN.
AUTHOR: HOLLAND, R.
DESCRIPTION: THE UNDERLYING ROCKS ARE HAZELTON GROUP VOLCANICS AND SEDIMENTS OF LOWER JURASSIC AGE, WHICH HOST GOLD-SILVER MINERALIZATION IN THE DOME MOUNTAIN AREA WITHIN TWO KILOMETRES OF THE CLAIMS. THE GEOCHEMICAL SURVEY RESULTS SHOW SCATTERED ANOMALOUS VALUES, WHICH IS TYPICAL IN THE AREA.
WORK DONE: SOIL 212;CU,PB,ZN,AG,AS
REFERENCES: A.R. 13842,15148

DOME MOUNTAIN, SK (BABINE GOLD)

MINING DIV: OMINECA ASSESSMENT REPORT 14407 INFO CLASS 3
LOCATION: LAT. 54 44.5 LONG. 126 37.2 NTS: 93L/10E 93L/15E
CLAIMS: SNOWDROP, GRIZZLY, PORCUPINE, HAWK
OPERATOR: NORANDA EX.
AUTHOR: MYERS, D.
COMMODITIES: GOLD, SILVER, LEAD, ZINC, COPPER
DESCRIPTION: GOLD-BEARING QUARTZ VEINS OUTCROP OVER A 4 KILOMETRE BY 2 KILOMETRE AREA ON DOME MOUNTAIN. THE VEINS ARE MAINLY HOSTED IN LOWER JURASSIC TELKWA FORMATION ANDESITES. THE VEINS COMMONLY STRIKE 140 DEGREES. ALTERATION MINERALS ASSOCIATED WITH THE VEINS INCLUDE: IRON-BEARING CARBONATES, SERICITE, CHLORITE AND FUCHSITE. COMMON ORE MINERALS INCLUDE PYRITE, SPHALERITE, GALENA, CHALCOPYRITE, AND ARSENOPYRITE. DRILL RESULTS OUTLINED A VERY LOW GRADE ZONE OF SHEETED, BUT WIDELY SPACED QUARTZ

VEINLETS ON THE HAWK CLAIM AND ON THE CABIN VEIN THE BEST INTERSECTION AVERAGED 2.04 GRAMMES/TONNE GOLD AND 18.3 GRAMMES/TONNE SILVER OVER 4.5 METRES.
WORK DONE: DIAD 256.9 M;6 HOLES,NQ
SAMP 71;AU,AG
TREN 80.0 M
REFERENCES: A.R. 13827,14407
M.I. 093L 022-DOME MOUNTAIN;093L 023-SK
(BABINE GOLD)

GIO

MINING DIV: OMINECA ASSESSMENT REPORT 14831 INFO CLASS 3
LOCATION: LAT. 54 36.0 LONG. 126 43.4 NTS: 93L/10E
CLAIMS: GIO 5
OPERATOR: CK&G MANAGEMENT
AUTHOR: HOLLAND, R.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY LOWER JURASSIC HAZELTON GROUP VOLCANICS AND SEDIMENTS CUT BY LATE CRETACEOUS DYKES AND STOCKS OF INTERMEDIATE COMPOSITION. A LARGE ZONE OF INTENSE SILICIFICATION POSSIBLY ASSOCIATED WITH AN INTRUSIVE STOCK OCCURS WITH ANOMALOUS SILVER, LEAD AND ZINC SOIL VALUES.
WORK DONE: GEOL 1:5000
SOIL 107;AG,CU,PB,ZN,AS
ROCK 1;AG,CU,PB,ZN,AS
REFERENCES: A.R. 13228,14831

GIO

MINING DIV: OMINECA ASSESSMENT REPORT 14833 INFO CLASS 3
LOCATION: LAT. 54 35.5 LONG. 126 44.0 NTS: 93L/10E
CLAIMS: GIO 4
OPERATOR: JUDD, J.
AUTHOR: HOLLAND, R.
DESCRIPTION: LOWER JURASSIC HAZELTON GROUP VOLCANICS ARE CUT BY LATE CRETACEOUS STOCKS AND DYKES OF INTERMEDIATE COMPOSITION. ANOMALOUS MULTIELEMENT VALUES OCCUR IN SOIL.
WORK DONE: SOIL 141;CU,PB,ZN,AG,AS
REFERENCES: A.R. 14833

GIO

MINING DIV: OMINECA ASSESSMENT REPORT 15242 INFO CLASS 3
LOCATION: LAT. 54 32.8 LONG. 126 45.4 NTS: 93L/10E 93L/10W
CLAIMS: GIO 9
OPERATOR: CK&G MANAGEMENT
AUTHOR: HOLLAND, R.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY LOWER JURASSIC HAZELTON GROUP VOLCANICS INTRUDED BY LATE CRETACEOUS DYKES. THE GEOCHEMICAL SURVEY CONFIRMED THE PRESENCE OF COINCIDENTAL ANOMALOUS COPPER, SILVER, LEAD AND ZINC SOIL RESPONSES.
WORK DONE: SOIL 137;CU,AG,PB,ZN,AS
REFERENCES: A.R. 13761,15242

WEST DOME

MINING DIV: OMINECA ASSESSMENT REPORT 14490 INFO CLASS 4
LOCATION: LAT. 54 44.0 LONG. 126 39.5 NTS: 93L/10E
CLAIMS: WEST DOME
OPERATOR: FREEMONT GOLD
AUTHOR: WARREN, L.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY SUBAERIAL TO SUBMARINE VOLCANIC AND VOLCANICLASTIC ROCKS OF THE JURASSIC HAZELTON GROUP. HIGHLY SHEARED AND FOLIATED VOLCANICS WITH INTENSE SERICITE AND QUARTZ-CARBONATE ALTERATION OCCUR. ANOMALOUS MULTIELEMENT SOIL VALUES OCCUR ADJACENT TO THIS ZONE.
WORK DONE: SOIL 86;MULTIELEMENT
PROS 1:10000
REFERENCES: A.R. 7286,14490

GIO

MINING DIV: OMINECA ASSESSMENT REPORT 14834 INFO CLASS 3
LOCATION: LAT. 54 34.4 LONG. 126 46.0 NTS: 93L/10W
CLAIMS: GIO 2
OPERATOR: CK&G MANAGEMENT
AUTHOR: HOLLAND, R.
DESCRIPTION: LOWER JURASSIC HAZELTON GROUP VOLCANICS AND SEDIMENTS ARE CUT BY LATE CRETACEOUS DYKES AND STOCKS OF INTERMEDIATE COMPOSITION. ANOMALOUS MULTIELEMENT VALUES OCCUR IN SOIL.
WORK DONE: SOIL 118;AG,CU,ZN,PB,AS
REFERENCES: A.R. 13229,14834

ROUND, MC

MINING DIV: OMINECA ASSESSMENT REPORT 15344 INFO CLASS 3
LOCATION: LAT. 54 43.0 LONG. 126 57.0 NTS: 93L/10W 93L/15W
CLAIMS: ROUND 1-8, ROUND 11-12, MC 1-4
OPERATOR: DIPLOMAT RES.
AUTHOR: MARK, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LOWER JURASSIC HAZELTON GROUP SUBAERIAL AND SUBAQUEOUS VOLCANIC, VOLCANICLASTIC AND SEDIMENTARY ROCKS. GEOPHYSICAL SURVEY RESULTS REVEALED SEVERAL VLF ELECTROMAGNETIC CONDUCTORS.
WORK DONE: MAGA 245.0 KM
EMAB 245.0 KM;VLF
REFERENCES: A.R. 2508,15344

CASCADE, EMPIRE, DOROTHY, HEATHER

MINING DIV: OMINECA ASSESSMENT REPORT 15140 INFO CLASS 4
LOCATION: LAT. 54 47.3 LONG. 127 16.8 NTS: 93L/14W
CLAIMS: RACHEL, CASCADE
OPERATOR: HOLLAND, R.
AUTHOR: HOLLAND, R.
COMMODITIES: GOLD, SILVER, LEAD, ZINC, COPPER
DESCRIPTION: HORNFELSED HAZELTON GROUP TUFFS ARE CUT BY NUMEROUS SHEAR-CONTROLLED SILICEOUS VEINS CONTAINING PYRITE, ARSENOPYRITE, GALENA AND SPHALERITE. THE VEINS ARE RELATED TO A LOCAL INTRUSIVE.
WORK DONE: GEOL 1:250
REFERENCES: A.R. 15140
M.I. 093L 114-CASCADE;093L 116-EMPIRE;093L 235-DOROTHY;093L 236-HEATHER

ASCOT

MINING DIV: OMINECA ASSESSMENT REPORT 14616 INFO CLASS 4
LOCATION: LAT. 54 46.5 LONG. 126 44.0 NTS: 93L/15E
CLAIMS: ASCOT 1-5, MS
OPERATOR: GEOSTAR MIN.
AUTHOR: CHRISTOPHER, P.
COMMODITIES: LEAD, ZINC, COPPER
DESCRIPTION: MARINE FACIES SEDIMENTS AND VOLCANICLASTIC ROCKS OF THE TELKWA FORMATION CONTAIN BEDS (?), DISSEMINATIONS AND STRINGERS OF SILVER, LEAD AND ZINC MINERALIZATION. THE MINERALIZATION IS WIDESPREAD OVER SEVERAL KILOMETRES. SIZE, ATTITUDE, TENOR, AND LOCATION OF INDIVIDUAL MINERALIZED

BODIES ARE THE SUBJECTS OF ONGOING AND PLANNED SURVEYS.
WORK DONE: MAGG 3.5 KM
EMGR 3.5 KM
SOIL 172;PB,ZN,AG
ROCK 7;PB,ZN,AG
REFERENCES: A.R. 1702A,1702B,1702C,2139,2140,2141,6784,6937,10076,14307,14616
M.I. 093L 024-ASCOT

BYRON

MINING DIV: OMINECA ASSESSMENT REPORT 15149 INFO CLASS 2
LOCATION: LAT. 54 48.0 LONG. 126 40.0 NTS: 93L/15E
CLAIMS: BYRON 1-2, TONY 1, EMILY, HAROLD
OPERATOR: CAN. UNITED MIN.
AUTHOR: HOLLAND, R.
DESCRIPTION: LOWER JURASSIC TELKWA FORMATION ROCKS ARE CUT BY SMALL PLUGS AND DYKES OF JURASSIC AGE DIORITES OF THE TOPLEY INTRUSIONS. ANOMALOUS VALUES OF GOLD AND SILVER OCCUR IN PYRITIC QUARTZ VEINS. GEOCHEMICAL RESULTS INDICATE A STRONG COPPER-LEAD-ZINC-SILVER-ARSENIC ANOMALY.
WORK DONE: SOIL 1449;CU,PB,ZN,AG,AS
REFERENCES: A.R. 14026,15149

MCKEN

MINING DIV: OMINECA ASSESSMENT REPORT 15391 INFO CLASS 1
LOCATION: LAT. 54 48.0 LONG. 126 46.5 NTS: 93L/15E 93L/15W
CLAIMS: MCKEN 1-2, MCKEN 9-16
OPERATOR: HARLIN RES.
AUTHOR: HOLLAND, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LOWER JURASSIC HAZELTON GROUP SUBAERIAL TO SUBMARINE VOLCANIC, VOLCANICLASTIC AND SEDIMENTARY ROCKS. SOIL GEOCHEMISTRY RETURNED NUMEROUS, BUT DISPERSED ANOMALOUS COPPER, LEAD, ZINC, SILVER AND ARSENIC VALUES.
WORK DONE: SOIL 3664;CU,PB,ZN,AG,AS
REFERENCES: A.R. 15391

MCKEN

MINING DIV: OMINECA ASSESSMENT REPORT 15131 INFO CLASS 3
LOCATION: LAT. 54 46.0 LONG. 126 50.0 NTS: 93L/15W
CLAIMS: MCKEN 6-7
OPERATOR: RENO RES.
AUTHOR: HOLLAND, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY VOLCANICLASTIC ROCKS OF THE TELKWA FORMATION OF THE LOWER JURASSIC HAZELTON GROUP INTRUDED BY A LATE CRETACEOUS HORNBLENDE DIORITE. ANOMALOUS GEOCHEMICAL AND GEOPHYSICAL RESULTS WERE OBTAINED FROM THE SURVEYS.
WORK DONE: MAGG 32.0 KM
EMGR 30.0 KM;VLF
SOIL 651;MULTIELEMENT
REFERENCES: A.R. 15131

RED

MINING DIV: OMINECA ASSESSMENT REPORT 14778 INFO CLASS 3
LOCATION: LAT. 54 59.0 LONG. 126 7.0 NTS: 93L/16E
CLAIMS: RED 1-2
OPERATOR: ANGLO CAN. MIN.
AUTHOR: MARK, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A SEQUENCE OF INTERCALATED, WELL-BEDDED DARK GREY TUFFS AND ARGILLACEOUS SEDIMENTARY ROCKS WHICH DIP MODERATELY TO THE NORTHWEST, AND IS OF LOWER JURASSIC AGE. IT IS THE BASAL PART OF THE HAZELTON GROUP. MINERALIZATION CONSISTS OF MASSIVE PYRRHOTITE AND PYRITE. IT ALSO OCCURS AS BLEBS, DISSEMINATIONS AND FRACTURE FILLINGS.
WORK DONE: MAGG 31.2 KM
EMGR 14.7 KM;HLEM
LINE 17.2 KM
REFERENCES: A.R. 893,4189,14778

MARY

MINING DIV: OMINECA ASSESSMENT REPORT 15246 INFO CLASS 3
LOCATION: LAT. 55 14.4 LONG. 127 13.8 NTS: 93M/ 3E 93M/ 3W
CLAIMS: LOKIS 1-3, BETA 3
OPERATOR: ATNA RES.
AUTHOR: REID, R.
COMMODITIES: MOLBYDENUM
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY SEDIMENTS OF THE LOWER CRETACEOUS BOWSER LAKE GROUP INTRUDED BY DIORITE AND QUARTZ DIORITE OF THE UPPER CRETACEOUS BULKLEY INTRUSIVES. MINERALIZATION CONSISTING OF PYRITE, ARSENOPYRITE, GALENA, SPHALERITE, CHALCOPYRITE AND PYRRHOTITE OCCURS IN QUARTZ VEINS IN SHEAR FRACTURE SYSTEMS. SOIL GEOCHEMISTRY RETURNED ANOMALOUS GOLD AND SILVER VALUES.
WORK DONE: SOIL 117;MULTIELEMENT
SILT 1;MULTIELEMENT
ROCK 64;AU
REFERENCES: A.R. 2529,3047,3360,13832,14543,15246
M.I. 093M 026-MARY

NEW

MINING DIV: OMINECA ASSESSMENT REPORT 14605 INFO CLASS 3
LOCATION: LAT. 55 3.0 LONG. 127 14.0 NTS: 93M/ 3E
CLAIMS: NEW 1-4
OPERATOR: MUTUAL RES.
AUTHOR: QUARTERMAIN, R.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY UPPER JURASSIC AGE HAZELTON GROUP SANDSTONE AND CONGLOMERATE. IN THE CENTRAL PORTION OF THE PROPERTY THE CONGLOMERATE IS INTENSELY ALTERED AND CONTAINS SULPHIDE-BEARING HONEYCOMB CALCITE VIENS. THE SEDIMENTS ARE CUT BY A 3 METRE WIDE FELSITE DYKE.
WORK DONE: GEOL 1:2000
SOIL 40;MULTIELEMENT
ROCK 11;MULTIELEMENT
REFERENCES: A.R. 14605

BRIAN BORU, KILLARNEY

MINING DIV: OMINECA ASSESSMENT REPORT 14632 INFO CLASS 3
LOCATION: LAT. 55 4.5 LONG. 127 36.5 NTS: 93M/ 4E
CLAIMS: GAM 1-4
OPERATOR: NORANDA EX.
AUTHOR: BAERG, R.
COMMODITIES: ZINC, LEAD, SILVER, COPPER, GOLD
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY JURASSIC BRIAN BORU AND RED ROSE FORMATIONS. DISSEMINATED AND FRACTURE-FILLING MINERALIZATION CONSISTING OF SPHALERITE AND GALENA LOCALLY OCCURS WITHIN QUARTZ CARBONATE-SERICITE-PYRITE ALTERED FELSIC VOLCANICS AND VOLCANICLASTICS OF THE BRIAN BORU FORMATION.
WORK DONE: GEOL 1:2500
SOIL 341;PB,ZN,AG,AS,MN
SILT 46;MULTIELEMENT
ROCK 81;MULTIELEMENT
REFERENCES: A.R. 8332,9587,12712,13340,14632
M.I. 093M 064-BRIAN BORU;093M 114-KILLARNEY

BARDON

MINING DIV: OMINECA ASSESSMENT REPORT 15260 INFO CLASS 4
LOCATION: LAT. 55 6.2 LONG. 127 58.0 NTS: 93M/ 4W
CLAIMS: BARDON 1-6
OPERATOR: MEEK, B.
AUTHOR: TOMPSON, W.
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY GREYWACKE AND SILTSTONE OF UPPER JURASSIC OR LOWER CRETACEOUS AGE, AND INTRUSIONS OF QUARTZ MONZONITE. QUARTZ VEINS STRIKE NORTHEASTERLY AND DIP TO THE NORTH. HOST ROCKS ARE ALTERED AND STAINED BY LIMONITE. MINERALIZATION CONSISTS OF PYRITE, ARSENOPYRITE, GALENA, SPHALERITE, AND POSSIBLY STIBNITE.
WORK DONE: ROCK 7;AG,AU,PB,ZN,AS,SB
PROS 1:200
ROAD 0.5 KM
TREN 119.0 M;1 TRENCH
REFERENCES: A.R. 15260

AMERICAN BOY

MINING DIV: OMINECA ASSESSMENT REPORT 15124 INFO CLASS 3
LOCATION: LAT. 55 19.1 LONG. 127 34.2 NTS: 93M/ 5E
CLAIMS: JANELLE, AB 1-2, AB 20
OPERATOR: CAN-EX RES.
AUTHOR: HOMENUKE, A.
COMMODITIES: SILVER, LEAD, ZINC, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LOWER CRETACEOUS BOWSER LAKE GROUP SEDIMENTS. BASE METAL MINERALIZATION OCCURS IN QUARTZ VEINS THAT CUT THE SEDIMENTS. ANOMALOUS ZINC SOIL ZONES WERE IDENTIFIED.
WORK DONE: SOIL 357;AS,CU,PB,AG,ZN
REFERENCES: A.R. 6789,8847,9121,10457,11165,12665,15124
M.I. 093M 047-AMERICAN BOY

AMERICAN BOY, BABINE, ERIE (MOHAWK)

MINING DIV: OMINECA ASSESSMENT REPORT 15393 INFO CLASS 3
LOCATION: LAT. 55 19.1 LONG. 127 34.2 NTS: 93M/ 5E
CLAIMS: JANELLE, AB 1-3, AB 14, CINDY LOU
OPERATOR: CAN-EX RES.
AUTHOR: HOMENUKE, A.
COMMODITIES: SILVER, LEAD, ZINC, GOLD, COPPER, ANTIMONY
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LOWER CRETACEOUS BOWSER LAKE GROUP SEDIMENTS WHERE GOLD AND SILVER OCCURS WITH BASE METAL MINERALIZATION IN QUARTZ-SIDERITE VEINS. ANOMALOUS RESULTS WERE OBTAINED FROM THE GEOCHEMICAL AND GEOPHYSICAL SURVEYS.
WORK DONE: GEOL 1:2000
EMGR 22.0 KM;VLF
SOIL 116;AS,CU,PB,AG,ZN
DIAD 72.7 M;3 HOLES,EX
ROAD 0.3 KM
TREN 455.0 M;9 TRENCHES
REFERENCES: A.R. 6789,7955,8847,9121,10457,11165,12665,14624,15124,15393
M.I. 093M 047-AMERICAN BOY;093M 050-BABINE;
093M 051-ERIE (MOHAWK)

BUNKER HILL

MINING DIV: OMINECA ASSESSMENT REPORT 14624 INFO CLASS 4
LOCATION: LAT. 55 17.0 LONG. 127 34.0 NTS: 93M/ 5E
CLAIMS: AB-7, AB-13, AB-15 FR., BUNKER HILL
OPERATOR: CAN-EX RES.
AUTHOR: HOMENUKE, A.
DESCRIPTION: GOLD-SILVER-BASE METAL MINERALIZATION OCCURS IN QUARTZ VEINS IN BOWSER GROUP SEDIMENTS IN THE AREA. THE PROPERTY IS LOCATED IN A HORNFELSED ZONE AROUND THE FOUR MILE MOUNTAIN GRANODIORITE.
WORK DONE: SOIL 64;AS,CU,PB,AG,ZN
REFERENCES: A.R. 7955,14624

CANADIAN QUEEN

MINING DIV: OMINECA ASSESSMENT REPORT 15121 INFO CLASS 4
LOCATION: LAT. 55 18.9 LONG. 127 36.8 NTS: 93M/ 5E
CLAIMS: CANADIAN QUEEN
OPERATOR: TRI-CON MIN.
AUTHOR: HOMENUKE, A.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LOWER CRETACEOUS BOWSER LAKE GROUP SEDIMENTARY ROCKS CONSISTING OF ARKOSE WITH THIN-BEDDED ARGILLITE AND PERVASIVE QUARTZ STRINGERS THAT CARRY MINOR AMOUNTS OF SULPHIDES. ISOLATED ANOMALOUS MULTIELEMENT VALUES OCCUR IN SOIL.
WORK DONE: SOIL 37;AG,AS,CU,PB,ZN
REFERENCES: A.R. 9121,10488,12038,12240,13769,15121

GROUP D

MINING DIV: OMINECA ASSESSMENT REPORT 14840 INFO CLASS 3
LOCATION: LAT. 55 18.5 LONG. 127 38.5 NTS: 93M/ 5E
CLAIMS: MT. GLEN, MARWILL NO. 1, G&R 5-8, DALE 1-2
OPERATOR: TRI-CON MIN.
AUTHOR: HOMENUKE, A.
COMMODITIES: SILVER, LEAD, ZINC
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY BOWSER GROUP SANDSTONES AND SILTSTONES WHERE QUARTZ VEINS OCCUR CARRYING SILVER, LEAD, AND ZINC VALUES.
WORK DONE: SOIL 290;CU,PB,ZN,AS,AG
REFERENCES: A.R. 58,8906,10184,13181,13440,14135,14840
M.I. 093M 119-GROUP D

HIGGINS

MINING DIV: OMINECA ASSESSMENT REPORT 15186 INFO CLASS 4
LOCATION: LAT. 55 18.0 LONG. 127 0.8 NTS: 93M/ 6E
CLAIMS: ELLEN
OPERATOR: ATNA RES.
AUTHOR: REID, R.
COMMODITIES: SILVER, LEAD, ZINC, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY HORNFELSED SEDIMENTS OF THE LOWER CRETACEOUS BOWSER LAKE GROUP AND GRANODIORITES OF THE BULKLEY INTRUSIONS. NUMEROUS QUARTZ VEINS, STRINGERS AND STOCKWORKS ARE VARIABLY MINERALIZED WITH PYRITE, TETRAHEDRITE, CHALCOPYRITE, GALENA AND ARSENOPYRITE AND ARE HOSTED IN A COMPETENT GRANODIORITE.
WORK DONE: ROCK 29;MULTIELEMENT
PROS 1:10000
REFERENCES: A.R. 2663,3969,15186
M.I. 093M 016-HIGGINS

ELDORADA, MAG HI

MINING DIV: OMINECA ASSESSMENT REPORT 15243 INFO CLASS 3
LOCATION: LAT. 55 19.8 LONG. 126 48.5 NTS: 93M/ 7W
CLAIMS: ELDORADO, MAG HI, SILVER IRON, SILVERADO
OPERATOR: SILVERADO MINES
AUTHOR: HOMENUKE, A.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LOWER JURASSIC HAZELTON GROUP VOLCANICS. ANOMALOUS MULTIELEMENT SOIL SAMPLES WERE IDENTIFIED.
WORK DONE: GEOL 1:5000
SOIL 108;MULTIELEMENT
REFERENCES: A.R. 6014,7239,8165,9488,13266,13834,15243

SUSKWA

MINING DIV: OMINECA ASSESSMENT REPORT 15252 INFO CLASS 4
LOCATION: LAT. 55 21.8 LONG. 126 54.0 NTS: 93M/ 7W
CLAIMS: RCM-1
OPERATOR: RYAN EX.
AUTHOR: HOOPER, D.
COMMODITIES: COPPER, MOLYBDENUM, LEAD, ZINC, SILVER
DESCRIPTION: THE RCM-1 CLAIM LIES WITHIN A COMPLEXELY BLOCK FAULTED REGION UNDERLAIN BY UPPER JURASSIC TO LOWER CRETACEOUS BOWSER LAKE GROUP SEDIMENTS WHICH ARE INTRUDED BY LATE CRETACEOUS BULKLEY INTRUSIONS. MINERALIZATION OF QUARTZ-CALCITE VEINS

BY SPHALERITE, CHALCOPYRITE, PYRITE AND ARSENOPYRITE OCCURS WITHIN SILICIFIED PYRITIZED DACITE-ANDESITE VOLCANIC ROCKS (HAZELTON GROUP?).
WORK DONE: SILT 8;MULTIELEMENT
ROCK 15;MULTIELEMENT
PROS 1:5000
REFERENCES: A.R. 14583,15252
M.I. 093M 014-SUSKWA

CHARWILL

MINING DIV: OMINECA ASSESSMENT REPORT 14957 INFO CLASS 3
LOCATION: LAT. 55 34.8 LONG. 126 27.0 NTS: 93M/ 9W
CLAIMS: CHARWILL 1-3
OPERATOR: PLACER DEV.
AUTHOR: PINSENT, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY VOLCANICS AND SEDIMENTS OF THE LOWER JURASSIC HAZELTON GROUP INTRUDED BY EOCENE BIOTITE-FELDSPAR PORPHYRY. A STRONG LEAD-ZINC SOIL ANOMALY HAS BEEN IDENTIFIED.
WORK DONE: GEOL 1:12500
SOIL 514;PB,ZN,CU,AG
ROCK 32;MULTIELEMENT
REFERENCES: A.R. 14957

KOT

MINING DIV: OMINECA ASSESSMENT REPORT 14943 INFO CLASS 3
LOCATION: LAT. 55 49.0 LONG. 126 51.0 NTS: 93M/15W
CLAIMS: KOT 1-4
OPERATOR: PLACER DEV.
AUTHOR: PINSENT, R.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY SEDIMENTARY, VOLCANIC AND MAFIC INTRUSIVE ROCKS BELONGING TO THE LOWER JURASSIC HAZELTON GROUP. A MINOR AMOUNT OF PYRITE, SPHALERITE AND GALENA OCCURS IN A WEAK, FRACTURE CONTROLLED, CARBONATE VEIN STOCKWORK.
WORK DONE: GEOL 1:12500
SOIL 273;MULTIELEMENT
ROCK 22;MULTIELEMENT
REFERENCES: A.R. 14943

HAZELTON 93M

FIRE

MINING DIV: OMINECA ASSESSMENT REPORT 15247 INFO CLASS 4
LOCATION: LAT. 55 58.8 LONG. 126 20.5 NTS: 93M/16W
CLAIMS: LOG 1, LOG 4
OPERATOR: TAIT, R.
AUTHOR: TAIT, R.
COMMODITIES: COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY ANDESITIC VOLCANIC ROCKS. MINERALIZATION APPEARS TO CONSIST OF PYRITE, CHALCOPYRITE AND BORNITE HOSTED BY THE VOLCANICS.
WORK DONE: ROCK 3;CU,AG,AU
PROS 1:4800
REFERENCES: A.R. 1191,4477,8869,12533,15247
M.I. 093M 111-FIRE

MANSON RIVER 93N

PHIL 9

MINING DIV: OMINECA ASSESSMENT REPORT 14377 INFO CLASS 2
LOCATION: LAT. 55 7.5 LONG. 124 2.0 NTS: 93N/ 1E
CLAIMS: PHIL 1, PHIL 8-12, PHIL 21-26, PHIL 28, HEIDI 1-4
OPERATOR: BP RES. CAN.
AUTHOR: MEYERS, R. REBAGLIATI, C.
COMMODITIES: COPPER, GOLD
DESCRIPTION: UPPER TRIASSIC TAKLA GROUP AUGITE-BEARING, ANDESITIC TO BASALTIC FLOWS AND TUFFS ARE INTRUDED BY INTERMEDIATE EPIZONAL AND SUBVOLCANIC DIORITES AND MONZODIORITES. VOLCANIC ROCKS TREND NORTH-NORTHWEST AND ARE CUT BY NORTHEAST AND NORTHWEST STRIKING NORMAL FAULTS. GEOCHEMICALLY ANOMALOUS GOLD AND COPPER VALUES IN SOIL ARE ASSOCIATED WITH PERVASIVE, WEAK TO MODERATE IRON CARBONATE-K-SPAR-SERICITE-EPIDOTE ALTERATION. NARROW INTENSELY ALTERED QUARTZ-K-SPAR-CARBONATE ZONES ARE SUPERIMPOSED ON THE PERVASIVE ALTERATION ZONES AND CONTAIN HIGHER GOLD, COPPER AND SILVER VALUES ASSOCIATED WITH PYRITE-CHALCOPYRITE-MAGNETITE MINERALIZATION.
WORK DONE: GEOL 1:5000,1:1000
MAGG 25.0 KM
EMGR 25.0 KM;VLF

IPOL 18.4 KM
SOIL 638;MULTIELEMENT
ROCK 503;MULTIELEMENT
ROCK 43;WHOLE ROCK
PETR 8
ROAD 7.5 KM
TREN 1413.0 M;9 TRENCHES
REFERENCES: A.R. 11951,12912,14377
M.I. 093N 194-PHIL 9

DINGLE

MINING DIV: OMINECA ASSESSMENT REPORT 14381 INFO CLASS 3
LOCATION: LAT. 55 15.5 LONG. 124 33.0 NTS: 93N/ 1W 93N/ 2E
CLAIMS: PHIL 13-14, CHUCHI 1-2
OPERATOR: BP RES. CAN.
AUTHOR: MEYERS, R. REBAGLIATI, C.
COMMODITIES: COPPER
DESCRIPTION: UPPER TRIASSIC TAKLA GROUP AUGITE-BEARING ANDESITIC TO BASALTIC FLOWS AND TUFFS ARE INTRUDED BY SUBVOLCANIC DIORITIC STOCKS AND DYKES AND BY LOWER JURASSIC CHUCHI LAKE SYENITE. WEAK DISSEMINATED AND STRINGER COPPER-GOLD MINERALIZATION IS LOCALIZED IN FAULT AND FRACTURE ZONES. PERVASIVE SERICITE-CHLORITE-QUARTZ-K-SPAR-IRON CARBONATE ALTERATION IS ASSOCIATED WITH ROCKS GEOCHEMICALLY ANOMALOUS IN COPPER AND GOLD. THIS IS OVER-PRINTED LOCALLY BY INTENSE QUARTZ-CALCITE ALTERATION AND DISSEMINATED PYRITE AND MAGNETITE.
WORK DONE: GEOL 1:5000,1:1000
SOIL 238;AU
ROCK 244;MULTIELEMENT
PETR 7
ROAD 5.0 KM
TREN 690.0 M;3 TRENCHES
REFERENCES: A.R. 14381
M.I. 093N 159-DINGLE

WETCH

MINING DIV: OMINECA ASSESSMENT REPORT 15211 INFO CLASS 4
LOCATION: LAT. 55 15.0 LONG. 125 15.5 NTS: 93N/ 3E 93N/ 3W
CLAIMS: WETCH 2
OPERATOR: EQUINOX RES.
AUTHOR: CHRISTOFFERSEN
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PERMIAN-PENNSYLVANIAN CACHE CREEK GROUP LIMESTONES. ROCK CHIP GEOCHEM-

ISTRY RETURNED LOW VALUES.
WORK DONE: ROCK 5;MULTIELEMENT
PROS 1:8888
REFERENCES: A.R. 15211

TL

MINING DIV: OMINECA ASSESSMENT REPORT 14781 INFO CLASS 4
LOCATION: LAT. 55 29.5 LONG. 125 54.0 NTS: 93N/ 5W 93N/12W
CLAIMS: TL 4
OPERATOR: NORANDA EX.
AUTHOR: MAXWELL, G. BRADISH, L.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY ANDESITIC VOLCANICS OF THE UPPER TRIASSIC-LOWER JURASSIC TAKLA GROUP WHICH STRIKE NORTH-SOUTH AND DIP STEEPLY TO THE WEST. THE GEOPHYSICAL SURVEY HAS OUTLINED A WIDE, HIGHLY CONDUCTIVE ZONE.
WORK DONE: GEOL 1:5000
MAGG 2.1 KM
EMGR 3.3 KM;HLEM
SOIL 70;CU,ZN,AG
LINE 4.4 KM
REFERENCES: A.R. 14148,14781

TLITI

MINING DIV: OMINECA ASSESSMENT REPORT 15376 INFO CLASS 4
LOCATION: LAT. 55 22.8 LONG. 125 46.2 NTS: 93N/ 5W
CLAIMS: TLITI
OPERATOR: NORANDA EX.
AUTHOR: MAXWELL, G. BRADISH, L.
DESCRIPTION: THE CLAIM LIES AT THE CONTACT BETWEEN THE PERMIAN-PENNSYLVANIAN CACHE CREEK GROUP AND THE UPPER TRIASSIC-LOWER JURASSIC SITLIKA ASSEMBLAGE. THESE VOLCANICS AND SEDIMENTS TREND NORTH AND ARE STEEPLY DIPPING. THE GEOPHYSICAL SURVEY IDENTIFIED SEVERAL ELECTROMAGNETIC CONDUCTORS THAT WERE FOUND TO BE ASSOCIATED WITH GRAPHITIC PHYLLITES.
WORK DONE: GEOL 1:5000
MAGG 2.9 KM
EMGR 2.7 KM;HLEM
SILT 9;CU,ZN,PB,AU,AG
LINE 3.9 KM
REFERENCES: A.R. 15376

JASPEROID

MINING DIV: OMINECA ASSESSMENT REPORT 14940 INFO CLASS 4
LOCATION: LAT. 55 16.5 LONG. 125 15.0 NTS: 93N/ 6E 93N/ 6W
CLAIMS: JASPEROID 1
OPERATOR: IMPERIAL METALS
AUTHOR: MORTON, J.
DESCRIPTION: THE CLAIM AREA APPEARS TO BE UNDERLAIN BY PALEOZOIC MARINE SEDIMENTS, CARBONATES AND METAVOLCANICS. GEOCHEMICAL RESULTS FAILED TO IDENTIFY ANY ANOMALOUS CORRELATIONS.
WORK DONE: SOIL 10;HG
ROCK 1;MULTIELEMENT
PROS 1:5000
ROAD 0.5 KM
TREN 2.0 M;1 TRENCH
REFERENCES: A.R. 14940

MOSQUITO CREEK

MINING DIV: OMINECA ASSESSMENT REPORT 15156 INFO CLASS 4
LOCATION: LAT. 55 40.1 LONG. 124 30.0 NTS: 93N/ 9W 93N/10E
CLAIMS: P.L. 9590, P.L. 9654, P.L. 9544, P.L. 9548, P.L. 9538
P.L. 9537, P.L. 9539, P.L. 9540, P.L. 9591, P.L. 9592
P.L. 9541, P.L. 9542, P.L. 10100, P.L. 10099, P.L. 9551
OPERATOR: EVERGREEN EX.
AUTHOR: WOOLVERTON, R.
COMMODITIES: PLACER GOLD
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY UPPER PALEOZOIC SLATES WITH MINOR LIMESTONE INTRUDED BY A DIORITE STOCK. QUARTZ-CARBONATE-MARIPOSITE ZONES ARE ASSOCIATED WITH FAULTS. SOME OF THE BETTER PLACER GOLD OCCURRENCES ARE USUSALLY DOWNSTREAM FROM THESE ZONES.
WORK DONE: GEOL 1:16129
REFERENCES: A.R. 15156
M.I. 093N 059-MOSQUITO CREEK

T.R.E., T.R.B.

MINING DIV: OMINECA ASSESSMENT REPORT 15319 INFO CLASS 2
LOCATION: LAT. 55 40.5 LONG. 125 16.0 NTS: 93N/11E 93N/11W
CLAIMS: T.R.E., T.R.G., T.R.B., T.R.D.
OPERATOR: IMPERIAL METALS
AUTHOR: PESALJ, R. GORC, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP ANDESITIC AND MINOR BASALTIC FLOWS INTRUDED

BY PORPHYRITIC STOCKS AND DYKES. QUARTZ VEINING WITH PYRITE AND CHALCOPYRITE OCCURS IN THE VOLCANICS. SOIL GEOCHEMISTRY IDENTIFIED SEVERAL STRONG GOLD-COPPER-SILVER ANOMALIES THAT COINCIDE WITH MINERALIZED OUTCROPS.
WORK DONE: GEOL 1:2500
SOIL 1441;MULTIELEMENT
ROCK 82;MULTIELEMENT
LINE 60.2 KM
REFERENCES: A.R. 2501,12162,13171,14103,15319

HOUSTON SOUTH

MINING DIV: OMINECA ASSESSMENT REPORT 15263 INFO CLASS 3
LOCATION: LAT. 55 32.7 LONG. 125 21.7 NTS: 93N/11W
CLAIMS: WEKA 1-2, WEKA 7-9
OPERATOR: EQUINOX RES.
AUTHOR: CHRISTOFFERSEN J
COMMODITIES: MERCURY
DESCRIPTION: PERMIAN CACHE CREEK GROUP SEDIMENTS TO THE WEST AND TAKLA GROUP VOLCANICS AND HOGEN INTRUSIVES (TRIASSIC-JURASSIC) TO THE EAST ARE IN FAULT CONTACT ALONG THE MAJOR NORTH-NORTHWEST STRIKING PINCHI FAULT STRUCTURE. CACHE CREEK LITHOLOGIES INCLUDE LIMESTONE, ARGILLITE, CHERT AND MAFIC VOLCANICS. TAKLA INCLUDES VOLCANICS AND TURBIDITIC SEDIMENTS. MERCURY OCCURRENCES ARE RECORDED IN LIMESTONE ALONG THE PINCHI FAULT.
WORK DONE: SOIL 96;MULTIELEMENT
SILT 14;MULTIELEMENT
ROCK 15;MULTIELEMENT
REFERENCES: A.R. 1755,12359,13158,15263
M.I. 093N 017-HOUSTON SOUTH

JO

MINING DIV: OMINECA ASSESSMENT REPORT 14790 INFO CLASS 4
LOCATION: LAT. 55 38.7 LONG. 125 36.1 NTS: 93N/12E
CLAIMS: JO 18, JO 19, JO 26, JO 33, JO 34
OPERATOR: GOLDEN PORPHYRITE
AUTHOR: SMITH, F.
DESCRIPTION: THE JO CLAIMS ARE SITUATED WITHIN A FAULT-BOUNDED SEGMENT OF PERMO-TRIASSIC CACHE CREEK MARINE METASEDIMENTARY AND VOLCANIC ROCKS. VALUES OF UP TO 200,000 PPB AND 94,000 PPB GOLD WERE OBTAINED FROM HEAVY MINERAL SAMPLES TAKEN ALONG KELLY CREEK.

WORK DONE: SOIL 14;AU,AG
ROCK 1;AU,AG
HMIN 18;AU,AG
REFERENCES: A.R. 12543,14790

JO

MINING DIV: OMINECA ASSESSMENT REPORT 14791 INFO CLASS 4
LOCATION: LAT. 55 41.0 LONG. 125 41.0 NTS: 93N/12E
CLAIMS: JO 7-9, JO 15-17, JO 23-24, JO 30-31
OPERATOR: GOLDEN PORPHYRITE
AUTHOR: SMITH, F.
DESCRIPTION: THE CLAIM BLOCK IS UNDERLAIN BY MARINE SEDIMENTARY AND VOLCANIC ROCKS OF THE PERMIAN TRIASSIC CACHE CREEK GROUP. EIGHTEEN SOIL SAMPLES RETURNED VALUES FROM 10 PPB TO 30 PPB GOLD.
WORK DONE: SOIL 97;AU,AG
SILT 3;AU,AG
ROCK 29;AU,AG
TOPO 1:1000
REFERENCES: A.R. 12547,14791

BAY

MINING DIV: OMINECA ASSESSMENT REPORT 14842 INFO CLASS 4
LOCATION: LAT. 55 35.5 LONG. 125 54.0 NTS: 93N/12W
CLAIMS: BAY 1
OPERATOR: NORANDA EX.
AUTHOR: MAXWELL, G.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY A NORTH-NORTHWEST TRENDING SEQUENCE OF INTERCALATED DACITIC TO ANDESITIC TUFFS AND FLOWS WHICH DIP STEEPLY TO THE WEST. THESE ROCKS BELONG TO THE UPPER TRIASSIC-LOWER JURASSIC TAKLA GROUP. THE GROUND GEOPHYSICAL SURVEY FAILED TO OUTLINE THE AIRBORNE ELECTROMAGNETIC CONDUCTOR IN THE CLAIM AREA.
WORK DONE: MAGG 2.9 KM
EMGR 2.9 KM
REFERENCES: A.R. 14842

BEV, STEVE, PAD, DAG, PEN

MINING DIV: OMINECA ASSESSMENT REPORT 14849 INFO CLASS 3
LOCATION: LAT. 55 42.0 LONG. 125 53.0 NTS: 93N/12W
CLAIMS: BEV 10, STEVE, PAD, DAG 1, PEN, DL 1
OPERATOR: NORANDA EX.
AUTHOR: MAXWELL, G. BRADISH, L.
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY A NORTH-SOUTH TRENDING SEQUENCE OF INTERMEDIATE TO FELSIC VOLCANICS AND SEDIMENTS OF UPPER TRIASSIC TO LOWER JURASSIC TAKLA GROUP. SEVERAL ELECTROMAGNETIC CONDUCTORS WERE OUTLINED FROM THE GEOPHYSICAL SURVEY AND OCCUR IN A FAVOURABLE VOLCANIC STRATIGRAPHY THAT HAS POTENTIAL FOR HOSTING VOLCANOGENIC MASSIVE SULPHIDE DEPOSITS. SOME SOIL AND MAGNETIC ANOMALIES ARE COINCIDENT WITH THE ELECTROMAGNETIC CONDUCTORS.
WORK DONE: GEOL 1:5000
MAGG 18.3 KM
EMGR 15.9 KM;HLEM
SOIL 864;CU,ZN,AG
LINE 32.6 KM
REFERENCES: A.R. 13719,14633,14849

BODINE

MINING DIV: OMINECA ASSESSMENT REPORT 14780 INFO CLASS 3
LOCATION: LAT. 55 36.5 LONG. 125 48.0 NTS: 93N/12W
CLAIMS: TL 2
OPERATOR: NORANDA EX.
AUTHOR: MAXWELL, G. BRADISH, L.
COMMODITIES: COPPER, ZINC
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY FELSIC TO INTERMEDIATE VOLCANIC AND SEDIMENTARY ROCKS OF THE UPPER TRIASSIC-LOWER JURASSIC TAKLA GROUP. THESE ROCKS STRIKE NORTHWEST AND DIP STEEPLY TO THE SOUTHWEST. THE PROPERTY INCLUDES A PREVIOUSLY DISCOVERED COPPER-ZINC SHOWING AND SEVERAL PYRITIC SERICITE SCHIST HORIZONS. AN HLEM CONDUCTOR WAS OUTLINED AND COINCIDES WITH A GRAPHITIC PHYLLITE HORIZON. ZINC AND COPPER SOIL ANOMALIES WERE IDENTIFIED.
WORK DONE: MAGG 0.6 KM
EMGR 0.6 KM;HLEM
SOIL 224;CU,ZN,AG
LINE 9.0 KM
REFERENCES: A.R. 8485,9547,12916,14780
M.I. 093N 179-BODINE

DAG

MINING DIV: OMINECA ASSESSMENT REPORT 14633 INFO CLASS 4
LOCATION: LAT. 55 41.5 LONG. 125 53.0 NTS: 93N/12W
CLAIMS: DAG 1
OPERATOR: NORANDA EX.
AUTHOR: MAXWELL, G. BRADISH, L.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY FELSIC AND INTERMEDIATE VOLCANIC ROCKS OF UPPER TRIASSIC AGE WEST OF THE VITAL FAULT, WHICH TREND NORTH/SOUTH AND DIP STEEPLY TO THE WEST. THE GROUND GEOPHYSICAL SURVEY FAILED TO DETECT A CONDUCTIVE SOURCE FOR THE AIRBORNE ELECTROMAGNETIC RESPONSE.
WORK DONE: MAGG 2.5 KM
EMGR 2.0 KM;HL
LINE 2.5 KM
REFERENCES: A.R. 13719,14633

MYRINDA

MINING DIV: OMINECA ASSESSMENT REPORT 15273 INFO CLASS 4
LOCATION: LAT. 55 44.5 LONG. 125 46.0 NTS: 93N/12W
CLAIMS: MYRINDA
OPERATOR: JADE WEST RES.
AUTHOR: MAKEPEACE, K.
DESCRIPTION: AREA IS SITUATE EIGHT KILOMETRES WEST OF THE OMINECA-PINCHI FAULT SYSTEM, A SIGNIFICANT THRUST STRUCTURE WHICH BRINGS ROCKS OF THE CACHE CREEK GROUP (PENNSYLVANIAN-PERMIAN) IN CONTACT WITH ROCKS AS YOUNG AS THE UPPER CRETACEOUS SUSTUT GROUP SEDIMENTS. NEPHRITE ON THE PROPERTY OCCURS IN THRUSTS OF ROCK WHERE UNDERLYING SERPENTINE IS IN CONTACT WITH COUNTRY ROCK. DRILLING INTERSECTED BADLY FRACTURED, LOW GRADE NEPHRITE.
WORK DONE: DIAD 3.0 M;3 HOLES,XRP
PROS 1:400
REFERENCES: A.R. 15273

ROD

MINING DIV: OMINECA ASSESSMENT REPORT 14779 INFO CLASS 3
LOCATION: LAT. 55 37.5 LONG. 125 53.0 NTS: 93N/12W
CLAIMS: ROD
OPERATOR: NORANDA EX.
AUTHOR: MAXWELL, G. BRADISH, L.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY A NORTH-SOUTH TRENDING SEQUENCE OF FELSIC TO INTERMEDIATE VOLCANICS

WHICH DIP STEEPLY TO THE WEST. THESE VOLCANICS CONSIST MAINLY OF MASSIVE FLOWS, TUFF AND LAPILLI TUFF AND BELONG TO THE UPPER TRIASSIC-LOWER JURASSIC TAKLA GROUP. TWO CONDUCTIVE TRENDS HAVE BEEN DEFINED FROM THE GEOPHYSICAL SURVEY.

WORK DONE: GEOL 1:5000
MAGG 8.8 KM
EMGR 7.4 KM;HLEM
LINE 11.4 KM
REFERENCES: A.R. 14779

AXEL

MINING DIV: OMINECA ASSESSMENT REPORT 15226 INFO CLASS 3
LOCATION: LAT. 55 56.5 LONG. 125 54.0 NTS: 93N/13W
CLAIMS: AXEL 1-5
OPERATOR: IMPERIAL METALS
AUTHOR: TAYLOR, A.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP SEDIMENTS AND VOLCANICS THAT ARE FAULTED AGAINST PERMIAN-PENNSYLVANIAN CACHE CREEK GROUP PHYLLITES. VARIABLY ALTERED ULTRAMAFIC BLOCKS ARE CAUGHT UP IN THE COMPLEX FAULT ZONE. MOST UNITS DIP STEEPLY TO THE NORTHEAST. SOIL GEOCHEMISTRY RETURNED MODERATELY ANOMALOUS MULTIELEMENT VALUES.
WORK DONE: GEOL 1:12500
SOIL 508;MULTIELEMENT
ROCK 22;MULTIELEMENT
REFERENCES: A.R. 14020,15226

NL

MINING DIV: OMINECA ASSESSMENT REPORT 14994 INFO CLASS 3
LOCATION: LAT. 55 58.0 LONG. 124 44.5 NTS: 93N/15E 93N/15W
CLAIMS: NL 6, NL 8, NL 14-15
OPERATOR: NORANDA EX.
AUTHOR: SAVELL, M. BAERG, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTH STRIKING, WESTERLY DIPPING CRYSTALLINE LIMESTONE, LIMESTONE BRECCIA, DOLOMITE, QUARTZITE AND PHYLLITE OF THE PERMIAN-PENNYSYLVANIAN CACHE CREEK GROUP. A COINCIDENT LEAD-ZINC SOIL ANOMALY HAS BEEN IDENTIFIED.
WORK DONE: SOIL 121;PB,ZN,AS,AG,BA
REFERENCES: A.R. 13929,14994

PINE PASS 930

FALCON

MINING DIV: OMINECA ASSESSMENT REPORT 14839 INFO CLASS 3
LOCATION: LAT. 55 42.2 LONG. 123 20.4 NTS: 930/11W
CLAIMS: FALCON 1, FALCON 3
OPERATOR: RHYOLITE RES.
AUTHOR: BROWNLEE, D. COOMBES, S.
DESCRIPTION: MINERALIZATION ON THE CLAIMS CONSISTS OF MAGNETITE-HEMATITE BEDS THAT ARE HOSTED IN UPPER PROTEROZOIC AGE CLASTIC METASEDIMENTS OF THE MISINCHINKA GROUP WHICH HAVE BEEN THICKENED THROUGH FOLDING ALONG THE AXIS OF A MAJOR NORTH-NORTHWESTERLY TRENDING ANTICLINE. GEOCHEMICAL TESTING FOR PRECIOUS METAL CONTENT SHOWED NEGLIGIBLE AMOUNTS OF GOLD AND SILVER.
WORK DONE: GEOL 1:1000;1:500
ROCK 8;MULTIELEMENT
REFERENCES: A.R. 6280,7400,7929,14839

HALFWAY RIVER 94B

CORAL

MINING DIV: LIARD ASSESSMENT REPORT 15040 INFO CLASS 4
LOCATION: LAT. 56 9.5 LONG. 123 23.1 NTS: 94B/ 3W
CLAIMS: CORAL
OPERATOR: NORTHGATE EX.
AUTHOR: MANNS, F.
COMMODITIES: ZINC, LEAD
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER SILURIAN-LOWER DEVONIAN DOLOSTONE BRECCIA OF THE STONE FORMATION WHICH IS UNCONFORMABLY OVERLAIN BY DEVONIAN PINE POINT LIMESTONE. MINERALIZATION IS PREDOMINANTLY SPHALERITE WITH MINOR GALENA AND OCCURS IN BRECCIA AND PSEUDOBRECCIA DOLOSTONE.
WORK DONE: ROCK 7;AG,PB,ZN
TREN 10.0 M;1 TRENCH
REFERENCES: A.R. 13724,15040
M.I. 094B 028-CORAL

PLUTO, THANE

MINING DIV: OMINECA ASSESSMENT REPORT 15139 INFO CLASS 3
LOCATION: LAT. 56 7.6 LONG. 125 23.8 NTS: 94C/ 3W
CLAIMS: THANE 1
OPERATOR: SUNCOR
AUTHOR: CROSS, D.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP ROCKS CONSISTING OF ANDESITIC FLOWS, BRECCIAS AND TUFFS WITH RELATED SEDIMENTS. THESE ROCKS ARE INTRUDED BY CRETACEOUS OMINECA INTRUSIONS. THE SURVEYS UNDERTAKEN CONFIRMED THE PRESENCE OF AN ARSENOPYRITE-RICH SULPHIDE POD IN A QUARTZ-CARBONATE SHEAR ZONE.
WORK DONE: MAGG 5.4 KM
EMGR 1.2 KM;VLF
SOIL 17;CU,PB,ZN,AU,AG,AS
ROCK 12;CU,PB,ZN,AU,AG,AS
LINE 1.2 KM
REFERENCES: A.R. 4619,5248,9242,11252,13583,15139
M.I. 094C 019-PLUTO;094C 020-THANE

MAT

MINING DIV: OMINECA ASSESSMENT REPORT 14192 INFO CLASS 3
LOCATION: LAT. 56 15.0 LONG. 125 35.0 NTS: 94C/ 4E 94C/ 5E
CLAIMS: MAT 2-4
OPERATOR: CANASIL RES.
AUTHOR: WEISHAUPT, P.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY A SEQUENCE OF VOLCANIC ROCKS. FRAGMENTAL ROCKS OVERLIE AUGITE ANDESITE OF THE TAKLA VOLCANIC UNIT. MINOR MINERALIZATION CONSISTS OF SILVER, ZINC, LEAD AND COPPER, IN QUARTZOSE BLEACHED ZONES. THE ZONES DIP 40 DEGREES TO 50 DEGREES TO THE SOUTH.
WORK DONE: DIAD 942.5 KM;9 HOLES,BQ
SAMP 6;MULTIELEMENT
REFERENCES: A.R. 14192

IZZI

MINING DIV: OMINECA ASSESSMENT REPORT 14809 INFO CLASS 4
LOCATION: LAT. 56 21.0 LONG. 125 43.5 NTS: 94C/ 5E
CLAIMS: IZZI
OPERATOR: SUNCOR
AUTHOR: CROSS, D.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY THE LOWER JURASSIC HOGEM BATHOLITH ANOMALOUS GOLD AND SILVER VALUES OCCUR IN SOILS AND ROCKS.
WORK DONE: SOIL 45;CU,PB,AU,AG
SILT 22;AG,CU,PB,AU
ROCK 13;CU,AU,AG
REFERENCES: A.R. 10436,14809

MCCONNELL CREEK 94D

CARR

MINING DIV: OMINECA ASSESSMENT REPORT 14912 INFO CLASS 4
LOCATION: LAT. 56 12.0 LONG. 126 25.8 NTS: 94D/ 1W
CLAIMS: CARR 1
OPERATOR: GUNSTEEL RES.
AUTHOR: ALLEN, G.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY FLAT LYING UPPER CRETACEOUS SUSTUT GROUP SILTSTONES, MUDSTONES, SANDSTONES AND CONGLOMERATES. GEOCHEMICAL SURVEY RESULTS ARE LOW.
WORK DONE: GEOL 1:5000
SOIL 58;MULTIELEMENT
SILT 7;MULTIELEMENT
ROCK 1;MULTIELEMENT
REFERENCES: A.R. 14912

COMB

MINING DIV: OMINECA ASSESSMENT REPORT 14910 INFO CLASS 4
LOCATION: LAT. 56 10.3 LONG. 126 36.1 NTS: 94D/ 2E
CLAIMS: COMB 1-2
OPERATOR: GUNSTEEL RES.
AUTHOR: ALLEN, G.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY THE UPPER CRETACEOUS TANGO CREEK FORMATION, CONSISTING OF CONGLOMERATE,

SANDSTONE AND SILTSTONES INTRUDED BY FELDSPAR PORPHYRY AND FINE-GRAINED DIORITE AND EOCENE DIOBASE. ONE SOIL SAMPLE CONTAINED 2880 PPB GOLD.

WORK DONE: SOIL 25;MULTIELEMENT
SILT 15;MULTIELEMENT
ROCK 3;MULTIELEMENT
REFERENCES: A.R. 14910

BEAR

MINING DIV: OMINECA ASSESSMENT REPORT 14679 INFO CLASS 3
LOCATION: LAT. 56 7.6 LONG. 126 52.4 NTS: 94D/ 2W
CLAIMS: BEAR 1-4
OPERATOR: LORNEX MIN.
AUTHOR: SERACK, M.
COMMODITIES: COPPER, MOLYBDENUM
DESCRIPTION: A SERIES OF VOLCANIC FLOWS ARE INTRUDED BY GRANODIORITE AND PORPHYRITIC MONZONITE. THE INTRUSIVE ROCKS ARE MINERALIZED WITH CHALCOPYRITE AND MOLYBDENITE IN FRACTURES AND IN ASSOCIATION WITH WHITE QUARTZ VEINLETS.
WORK DONE: SOIL 406;MULTIELEMENT
ROCK 203;MULTIELEMENT
REFERENCES: A.R. 4648,5236,5269,8335,9534,10369,14679
M.I. 094D 068-BEAR

BEARNX

MINING DIV: OMINECA ASSESSMENT REPORT 14424 INFO CLASS 2
LOCATION: LAT. 56 9.5 LONG. 126 57.0 NTS: 94D/ 2W
CLAIMS: PETEKA 1-4
OPERATOR: SUNCOR
AUTHOR: HARTLEY, C.
COMMODITIES: COPPER, SILVER, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LOWER JURASSIC AGE MAFIC TO INTERMEDIATE VOLCANIC ROCKS OF THE HAZELTON GROUP. ANDESITE TUFFS AND AGGLOMERATES ARE THE DOMINANT ROCK TYPES. MINERALIZATION CONSISTING OF CHALCOPYRITE, SPECULAR HEMATITE, GOLD AND SILVER IS FRACTURE-CONTROLLED. THE GEOPHYSICAL AND GEOCHEMICAL SURVEY RESULTS APPEAR TO REFLECT MINERALIZATION WITHIN FRACTURE SYSTEMS IN THE VOLCANIC ROCKS.
WORK DONE: GEOL 1:5000
MAGG 15.0 KM
EMGR 15.0 KM;VLF

SOIL 484;MULTIELEMENT
ROCK 64;CU,PB,ZN,AU,AG
REFERENCES: A.R. 14678,14424
M.I. 094D 003-BEARNX

PAT

MINING DIV: OMINECA ASSESSMENT REPORT 14680 INFO CLASS 3
LOCATION: LAT. 56 11.5 LONG. 127 1.0 NTS: 94D/ 2W 94D/ 3E
CLAIMS: PETEKA 6-8
OPERATOR: SUNCOR
AUTHOR: HARTLEY, C.
COMMODITIES: COPPER, SILVER, GOLD
DESCRIPTION: JURASSIC HAZELTON GROUP VOLCANICS CONSISTING MAINLY OF SUB-AERIAL RED-PURPLE ANDESITIC TUFFS, AGGLOMERATES AND MINOR BASALTIC LAVA FLOWS ARE LOCALLY INTRUDED BY FELDSPAR PORPHYRY AND DIABASE DYKES. MINERALIZATION CONSISTS OF MINOR FRACTURE COATED MALACHITE AND AZURITE WITH SOME DISSEMINATED CHALCOPYRITE, USUALLY RELATED TO MINOR SHEARS.
WORK DONE: GEOL 1:5000
SOIL 210;MULTIELEMENT
ROCK 7;CU,AU,AG,AS
REFERENCES: A.R. 14680
M.I. 094D 071-PAT

PETEKA

MINING DIV: OMINECA ASSESSMENT REPORT 14678 INFO CLASS 4
LOCATION: LAT. 56 9.5 LONG. 126 57.0 NTS: 94D/ 2W
CLAIMS: PETEKA 1-2, PETEKA 4
OPERATOR: SUNCOR
AUTHOR: DONNELLY, T.
DESCRIPTION: ANOMALOUS METAL VALUES IN STREAM SEDIMENTS AND ROCKS OCCUR IN A BELT OF JURASSIC AGE HAZELTON GROUP SUBAQUEOUS TO SUBAERIAL BASALT TO ANDESITIC VOLCANIC ROCKS. SULPHIDE MINERALIZATION OCCURS AS DISSEMINATIONS AND IN GENERALLY NORTHEAST STRIKING VEINS AND SHEARS.
WORK DONE: SILT 31;CU,AU,AG
ROCK 14;CU,AU,AG
REFERENCES: A.R. 14424,14678

PAT, QUIN

MINING DIV: OMINECA ASSESSMENT REPORT 14938 INFO CLASS 3
LOCATION: LAT. 56 10.4 LONG. 127 11.6 NTS: 94D/ 3E
CLAIMS: COAL 1-6
OPERATOR: SUNCOR
AUTHOR: HARTLEY, C.
COMMODITIES: SILVER, GOLD, COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY CRETACEOUS AGE BOWSER GROUP SEDIMENTARY ROCKS AND TERTIARY KATSBERG INTRUSIVES. SULPHIDE MINERALIZATION CONSISTING OF CHALCOPYRITE, PYRITE AND TETRAHEDRITE IS CONCENTRATED IN SILICIFIED SHEAR ZONES WITHIN THE KATSBERG GRANODIORITE STOCK. GOLD ASSAYS ARE UP TO 17.1 GRAMMES/TONNE.
WORK DONE: GEOL 1:5000
MAGG 3.0 KM
EMGR 3.0 KM;VLF
SOIL 220;MULTIELEMENT
ROCK 71;AU,AG,AS,CU
LINE 5.0 KM
REFERENCES: A.R. 14073,14938
M.I. 094D 070-PAT;094D 073-QUIN

RIM

MINING DIV: OMINECA ASSESSMENT REPORT 15392 INFO CLASS 4
LOCATION: LAT. 56 3.3 LONG. 127 4.4 NTS: 94D/ 3E
CLAIMS: MOT
OPERATOR: GRANGES EX.

DESCRIPTION: CONFIDENTIAL STATUS

(Will be published in Exploration in British Columbia 1987.)

SUN

MINING DIV: OMINECA ASSESSMENT REPORT 15355 INFO CLASS 4
LOCATION: LAT. 56 10.0 LONG. 127 10.0 NTS: 94D/ 3E
CLAIMS: COAL 1-2
OPERATOR: BIG BEN RES.
AUTHOR: SAUNDERS, C.
COMMODITIES: COPPER, MOLYBDENUM, GOLD, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LOWER CRETACEOUS BOWSER LAKE GROUP SILICEOUS ARGILLITE AND SHALE INTRUDED BY TERTIARY KATSBERG GRANODIORITE INTRUSIONS. ALTERATION ZONES RELATED TO LOCAL SHEARING CONTAIN SILICA, CARBONATE, HEMATITE, SERICITE AND CLAY. ROCK CHIP SAMPLING RETURNED GOLD VALUES TO 6.6 GRAMMES/TONNE.
WORK DONE: GEOL 1:5000,1:1000
ROCK 43;AU,AG
LINE 2.3 KM
REFERENCES: A.R. 14077,15355
M.I. 094D 070-SUN

GOODRIDGE, BISH

MINING DIV: OMINECA ASSESSMENT REPORT 14631 INFO CLASS 2
LOCATION: LAT. 56 8.0 LONG. 127 37.5 NTS: 94D/ 4E
CLAIMS: AU 1-4, TOM, TOM 2-3
OPERATOR: NORANDA EX.
AUTHOR: DALE, A. MACARTHUR, R.
COMMODITIES: SILVER, LEAD, ZINC
DESCRIPTION: THE PROPERTY LIES NEAR THE EASTERN EDGE OF THE BOWSER BASIN. IT IS UNDERLAIN BY BOWSER CLASTIC SEDIMENTARY ROCKS OF JURASSICS AND CRETACEOUS AGE. SMALL VEINS GENERALLY LESS THAN 1 METRE WIDE CONTAINING QUARTZ, PYRITE, SPHALERITE, GALENA AND ARSENOPYRITE, CUT THE SEDIMENTARY ROCKS. HIGH VALUES UP TO 15.77 GRAMMES/TONNE GOLD AND 2811 GRAMMES/TONNE SILVER HAVE BEEN OBTAINED FROM GRAB SAMPLES OF THESE VEINS.
WORK DONE: SOIL 2004;AG,PB
REFERENCES: A.R. 13778,14631
M.I. 094D 031-GOODRIDGE;094D 036-BISH

RED

MINING DIV: OMINECA ASSESSMENT REPORT 14911 INFO CLASS 4
LOCATION: LAT. 56 26.6 LONG. 126 51.5 NTS: 94D/ 7W
CLAIMS: RED 2
OPERATOR: GUNSTEEL RES.
AUTHOR: ALLEN, G.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER CRETACEOUS AGE SUSTUT GROUP SEDIMENTS AND JURASSIC AGE BOWSER GROUP VOLCANICS. THE GEOCHEMICAL SURVEY RETURNED LOW GOLD AND SILVER VALUES.
WORK DONE: SOIL 24;MULTIELEMENT
SILT 45;MULTIELEMENT
ROCK 6;MULTIELEMENT
REFERENCES: A.R. 14911

BAP

MINING DIV: OMINECA ASSESSMENT REPORT 15182 INFO CLASS 4
LOCATION: LAT. 56 29.7 LONG. 126 6.0 NTS: 94D/ 8E
CLAIMS: BAP 10, BAP 14, BAP 18
OPERATOR: LEMMING RES.
AUTHOR: REBAGLIATI, C.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP ANDESITE TUFFS WHICH ARE INTRUDED BY A ZONED MONZONITE-HORNBLENDITE STOCK AND BY NUMEROUS MONZONITE AND DIORITE DYKES. A PROMINENT GOSSAN MARKS THE HYDROTHERMAL AUREOLE ADJACENT TO THE EAST SIDE OF THE STOCK. DUCTILE SHEARING ALONG THE REGIONAL KLIYUL CREEK FAULT HAS LED TO THE DEVELOPMENT OF CHLORITE AND SERICITE SCHISTS WITHIN THE AUREOLE. DISSEMINATED PYRITE AND MINOR CHALCOPYRITE ARE WIDELY DISTRIBUTED. SOIL GEOCHEMISTRY RETURNED ANOMALOUS GOLD VALUES.
WORK DONE: SOIL 90;AU
ROCK 8;AU,PT,PD,RH
REFERENCES: A.R. 15182

KLI, INDEPENDENCE, BANJO, BAP

MINING DIV: OMINECA ASSESSMENT REPORT 14416 INFO CLASS 3
LOCATION: LAT. 56 30.8 LONG. 126 5.8 NTS: 94D/ 8E 94D/ 9E
CLAIMS: KC 2
OPERATOR: SUNCOR
AUTHOR: CROSS, D.
COMMODITIES: COPPER, GOLD, LEAD, ZINC
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY INTERCALATED ANDESITE

TUFFS, GREYWACKE AND CALCAREOUS ARGILLITE BEDS OF THE UPPER TRIASSIC TAKLA GROUP. THESE ROCKS ARE INTRUDED BY CRETACEOUS AGE OMINECA INTRUSIONS. STRATIFORM MAGNETITE MINERALIZATION OCCURS WITH COPPER, GOLD, LEAD AND ZINC VALUES. SOIL AND ROCKS CONTAIN ANOMALOUS VALUES OF COPPER AND GOLD.

WORK DONE: GEOL 1:5000
MAGG 9.0 KM
EMGR 9.0 KM;VLF
SOIL 152;MULTIELEMENT
ROCK 76;AU,AG,AS

REFERENCES: A.R. 10346,13580,14416
M.I. 094D 023-KLI;094D 0K28-INDEPENDENCE;
094D 029-BANJO; 094D 092-BAP

SOUP

MINING DIV: OMINECA ASSESSMENT REPORT 15201 INFO CLASS 4
LOCATION: LAT. 56 28.4 LONG. 126 4.1 NTS: 94D/ 8E
CLAIMS: SOUP 3-4, SOUP 11 FR., SOUP FR.
OPERATOR: LEMMING RES.
AUTHOR: REBAGLIATI, C.
COMMODITIES: COPPER, GOLD, IRON
DESCRIPTION: STRATABOUND AURIFEROUS MAGNETITE-CALCSILICATE SKARNS OCCUR AT THE TRANSITION FROM FELDSPATHIC ANDESITE TUFFS TO OVERLYING AUGITE PORPHYRY BASALTS WHERE THE UPPER TRIASSIC TAKLA GROUP VOLCANICS ARE INTRUDED BY A MICRODIORITE DYKE/ SILL. FAULT CONTROLLED QUARTZ-MAGNETITE VEINS AND REPLACEMENT BODIES ALSO CARRY APPRECIABLE GOLD VALUES. MODERATE CONCENTRATIONS OF CHALCOPYRITE ACCOMPANY THE MAGNETITE. THE MAGNETOMETER SURVEY PROVED EFFECTIVE IN TRACING MAGNETITE-BEARING SKARNS.
WORK DONE: MAGG 2.9 KM
ROCK 45;CU,AU
REFERENCES: A.R. 675,5562,5985,6410,7033,9485,10743,13315, 15201
M.I. 094D 025-SOUP

GOLDWAY

MINING DIV: OMINECA ASSESSMENT REPORT 15313 INFO CLASS 3
LOCATION: LAT. 56 30.9 LONG. 126 13.1 NTS: 94D/ 9E 94D/ 9W
CLAIMS: PRO, GOOD, PROSPECTS, DAR, FIT
OPERATOR: LARAMIE MIN.
AUTHOR: VON ROSEN, G.

COMMODITIES: GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC VOLCANICS INTRUDED BY JURASSIC AND/OR CRETACEOUS OMINECA INTRUSIONS. QUARTZ VEINS INTRUDE ALL THESE ROCKS AND OCCUR AS SWARMS, SINGLY OR EN ECHELON VEINS CARRYING GOLD. ROCK CHIP SAMPLING RESULTS ARE LOW IN GOLD AND SILVER WHILE THE BULK SAMPLE AVERAGED 4.01 GRAMMES/TONNE GOLD.
WORK DONE: ROCK 140;AU,AG
META 1.5 TONNE,AU,AG
REFERENCES: A.R. 10809,11636,13145,13175,14105,15313
M.I. 094D 027-GOLDWAY

NIK

MINING DIV: OMINECA ASSESSMENT REPORT 15194 INFO CLASS 3
LOCATION: LAT. 56 40.3 LONG. 126 8.1 NTS: 94D/ 9E
CLAIMS: NIK 1-4
OPERATOR: BP RES. CAN.
AUTHOR: HOFFMAN, S. WONG, R.
COMMODITIES: CHROMIUM, COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A ZONED ULTRAMAFIC COMPLEX OF UPPER TRIASSIC AGE. THE COMPLEX, CONSISTS OF A CORE OF DUNITE, AN INTERMEDIATE ZONE OF PYROXENITIC ROCKS AND A METASOMATIC HORNBLENDITE MARGIN IS INTRUSIVE INTO VOLCANIC AND SEDIMENTARY ROCKS OF THE UPPER TRIASSIC TAKLA GROUP. SMALL INTRUSIONS OF INTERMEDIATE COMPOSITION CUT THE ULTRAMAFIC AND TAKLA GROUP ROCKS AND LOCALLY ARE ASSOCIATED WITH CHALCOPYRITE AND MOLYBDENITE MINERALIZATION. SOIL GEOCHEMISTRY RETURNED LOW PLATINUM, PALLADIUM AND GOLD VALUES.
WORK DONE: SOIL 320;MULTIELEMENT
REFERENCES: A.R. 6015,6452,7249,7451,9510,15194
M.I. 094D 026-NIK;094D 109-NIK

QUYZUHX

MINING DIV: OMINECA ASSESSMENT REPORT 14630 INFO CLASS 3
LOCATION: LAT. 56 40.0 LONG. 126 14.0 NTS: 94D/ 9E 94D/ 9W
CLAIMS: INGE 1-2
OPERATOR: SUNCOR
AUTHOR: SMITH, A.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY VOLCANIC AND SEDIMENTARY ROCKS OF THE UPPER TRIASSIC TAKLA

GROUP. VOLCANIC ROCKS INCLUDE INTERMEDIATE TO FELSIC TUFFS, LAPILLI TUFFS, AGGLOMERATES AND FLOWS. SEDIMENTARY ROCKS ARE DOMINANTLY ARGILLITES WITH MINOR INTERBEDDED LIMESTONE AND GREYWACKE. DIORITE DYKES AND SILLS OF JURASSIC AGE INVADE THE VOLCANIC/SEDIMENTARY ROCK SEQUENCE. LITHOLOGIES ARE WEAKLY METAMORPHOSED AND LOCALLY INTENSELY SHEARED AND ALTERED.

WORK DONE: GEOL 1:5000
SOIL 93;AU,AG,AS,CU,PB,ZN
ROCK 51;AU,AG,AS

REFERENCES: A.R. 10341,12803,13585,14630
M.I. 094D 010-QUYZUHX

ROY

MINING DIV: OMINECA ASSESSMENT REPORT 14419 INFO CLASS 3
LOCATION: LAT. 56 31.6 LONG. 126 45.1 NTS: 94D/10E 94D/10W
CLAIMS: SUS 2, SUS 4
OPERATOR: SUNCOR
AUTHOR: HARTLEY, C.
COMMODITIES: COPPER, GOLD, ZINC

DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LOWER JURASSIC TAKLA GROUP ROCKS WHICH ARE INTRUDED BY CRETACEOUS OMINECA INTRUSIONS. THE DOMINANT LITHOLOGY IS A PURPLE ANDESITE TUFF AND AGGLOMERATE INTRUDED BY A FELDSPAR PORPHYRY DIORITE. SHEAR ZONES WITH ASSOCIATED CHLORITE, CARBONATE AND SILICA ALTERATION ARE MINERALIZED WITH PYRITE AND CHALCOPYRITE AND CARRY ANOMALOUS GOLD AND SILVER VALUES.

WORK DONE: GEOL 1:5000
MAGG 5.0 KM
EMGR 5.0 KM;VLF
SOIL 122;MULTIELEMENT
ROCK 11;AU,AG,AS,CU,PB,ZN

REFERENCES: A.R. 4595,14419
M.I. 094D 078-ROY

FRED

MINING DIV: OMINECA ASSESSMENT REPORT 14907 INFO CLASS 4
LOCATION: LAT. 56 57.5 LONG. 126 38.4 NTS: 94D/15E
CLAIMS: FRED 1-2
OPERATOR: GUNSTEEL RES.
AUTHOR: ALLEN, G.

DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP BASALTS, TUFFS AND SEDIMENTS THAT ARE

INTRUDED BY GRANITE. THE INTRUSIONS HAVE ALTERED THE VOLCANICS RESULTING IN EPIDOTIZATION AND SILICIFICATION.

WORK DONE: SOIL 6;MULTIELEMENT
SILT 14;MULTIELEMENT
ROCK 6;MULTIELEMENT
REFERENCES: A.R. 14907

JEN

MINING DIV: OMINECA ASSESSMENT REPORT 14915 INFO CLASS 4
LOCATION: LAT. 56 47.7 LONG. 126 34.5 NTS: 94D/15E
CLAIMS: JEN 1-2
OPERATOR: SEASTAR RES.
AUTHOR: ALLEN, G.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY ANDESITES AND BASALTS OF THE SAVAGE MOUNTAIN FORMATION OF THE UPPER TRIASSIC TAKLA GROUP INTRUDED BY QUARTZ MONZODIORITE OF THE OMINECA INTRUSIONS. GEOCHEMICAL SURVEY RESULTS ARE LOW.
WORK DONE: SOIL 12;MULTIELEMENT
SILT 8;MULTIELEMENT
ROCK 7;MULTIELEMENT
PROS 1:5000
REFERENCES: A.R. 14915

TOODOGGONE RIVER 94E

MESS

MINING DIV: OMINECA ASSESSMENT REPORT 15184 INFO CLASS 2
LOCATION: LAT. 57 4.5 LONG. 126 39.5 NTS: 94E/ 2E
CLAIMS: MESS, NEW MESS
OPERATOR: WESTERN PETR. RES.
AUTHOR: COOKE, D.
COMMODITIES: SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY INTERMEDIATE VOLCANIC ROCKS OF THE UPPER TRIASSIC TAKLA GROUP AND VOLCANIC FLOWS AND FRAGMENTALS OF THE MIDDLE JURASSIC TOODOGGONE VOLCANICS. MINERALIZATION CONSISTS OF TETRAHEDRITE IN QUARTZ-BARITE VEINS WITHIN THE VOLCANICS. SOIL GEOCHEMISTRY RETURNED ANOMALOUS MULTIELEMENT VALUES.

WORK DONE: SOIL 860;MULTIELEMENT
SILT 47;MULTIELEMENT
ROCK 58;MULTIELEMENT
HMIN 16;MULTIELEMENT
REFERENCES: A.R. 8999,10235,15184
M.I. 094E 070-MESS

ARK

MINING DIV: OMINECA ASSESSMENT REPORT 14175 INFO CLASS 3
LOCATION: LAT. 57 5.0 LONG. 126 50.0 NTS: 94E/ 2W
CLAIMS: ARK 1-7
OPERATOR: ARK ENERGY
AUTHOR: BELL, M.
DESCRIPTION: INTERMEDIATE VOLCANICS OF TAKLA GROUP ARE OVERLAIN BY PERMIAN AGE ASITKA GROUP ROCKS. ANDESITE AND DACITES ARE WEAKLY SILICIFIED AND EPIDOTIZED. A STRONG GOSSAN ON THE ARK 2 CLAIM IS ALSO COMPLETELY FAULTED. NUMEROUS WEAKLY TO MODERATELY ANOMALOUS PRECIOUS AND BASE METAL VALUES IN SOIL ARE WIDELY DISTRIBUTED OVER PROPERTY.
WORK DONE: SOIL 1294;MULTIELEMENT
ROCK 5;MULTIELEMENT
REFERENCES: A.R. 13023,14175

BART, ZONKER, TAGISH

MINING DIV: OMINECA ASSESSMENT REPORT 15356 INFO CLASS 3
LOCATION: LAT. 57 13.0 LONG. 127 4.0 NTS: 94E/ 2W 94E/ 3E
CLAIMS: CHEENA, JERRY, TOM, BEN, BART, ZONKER, FRED, DALE, CHIP JECKLE, TITAN, HECKLE, BRUTUS, BARNY, TAGISH
OPERATOR: TOODOGGONE SYND.
AUTHOR: PEZZOT, E. WHITE, G.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER JURASSIC INTRUSIVES, MIDDLE JURASSIC TOODOGGONE VOLCANICS, UPPER TRIASSIC TAKLA VOLCANICS AND PERMIAN ASITKA GROUP SEDIMENTS. THE REGIONAL GEOLOGICAL STRIKE AND MAJOR FAULTS TREND NORTHWEST. A NUMBER OF LOW INTENSITY MAGNETIC VALUES ARE CONSIDERED TO BE THE MOST LIKELY LOCATIONS OF VOLCANIC OR SEDIMENTARY ROCKS.
WORK DONE: MAGA 1000.0 KM
REFERENCES: A.R. 15356

DAWN

MINING DIV: OMINECA ASSESSMENT REPORT 15310 INFO CLASS 4
LOCATION: LAT. 57 14.8 LONG. 126 53.8 NTS: 94E/ 2W 94E/ 7W
CLAIMS: DAWN, PARADISE 2, SHASTEX 1
OPERATOR: HUDSON, B.
AUTHOR: RICHARDS, T.
COMMODITIES: LEAD, ZINC, COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY VOLCANIC ROCKS OF THE UPPER TRIASSIC TAKLA GROUP AND VOLCANICS AND GRANODIORITE OF THE MIDDLE JURASSIC TOODOGGONE VOLCANICS AND OMINECA INTRUSIONS RESPECTIVELY. QUARTZ VEINS, STRINGERS AND STOCKWORKS IN BOTH TAKLA AND TOODOGGONE VOLCANICS ARE RELATED TO A PROMINENT SET OF NORTHWEST TRENDING SHEAR ZONES AND CARRY ANOMALOUS PRECIOUS METAL VALUES.
WORK DONE: ROCK 91;MULTIELEMENT
PROS 1:12500,1:4000
TREN 20.0 M;7 TRENCHES
REFERENCES: A.R. 1940,4971,14783,15310
M.I. 094E 095-DAWN

GRACE

MINING DIV: OMINECA ASSESSMENT REPORT 15375 INFO CLASS 3
LOCATION: LAT. 57 10.8 LONG. 126 50.1 NTS: 94E/ 2W
CLAIMS: GRACE 5
OPERATOR: ASITKA RES.
AUTHOR: SMITH, M. ALLEN, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY THREE MAIN ROCK UNITS. GRANDODIORITE IS PART OF A NORTHWEST-TRENDING PLUTON OF MIDDLE JURASSIC AGE. MARBLE AND SILTSTONE OF THE PERMIAN ASITKA GROUP FORMS AT LEAST THREE ROOF PENDANTS WITHIN THE GRANODIORITE. VOLCANIC AND VOLCANICLASTIC ROCKS OF THE MIDDLE JURASSIC TOODOGGONE VOLCANICS OUTCROP ON THE EASTERN PART OF THE CLAIMS. SOIL GEOCHEMISTRY IDENTIFIED A STRONG COPPER-SILVER-ARSENIC ANOMALY.
WORK DONE: GEOL 1:5000
SOIL 196;MULTIELEMENT
ROCK 16;MULTIELEMENT
REFERENCES: A.R. 5144,7649,9494,13057,15202,15375

JOCK

MINING DIV: OMINECA ASSESSMENT REPORT 14789 INFO CLASS 3
LOCATION: LAT. 57 15.0 LONG. 126 53.0 NTS: 94E/ 2W 94E/ 7W
CLAIMS: JOCK 1-5
OPERATOR: GOLDEN RULE RES.
AUTHOR: DAVIS, J.
DESCRIPTION: UPPER TRIASSIC BASALT FLOWS AND BRECCIAS, AND ANDESITE WITH MINOR INTERBEDDED CHERT, SILTSTONE AND LIMESTONE OF THE TAKLA GROUP ARE OVERLAIN BY EARLY TO MIDDLE JURASSIC AGE TOODOGGONE TUFFS, AGGLOMERATE, CONGLOMERATE, GREYWACKE AND TRACHY-ANDESITE PORPHYRY FLOWS. THESE ROCKS ARE CUT BY GRANITIC INTRUSIVES WHICH ARE PROBABLY FEEDER DYKES FOR THE TOODOGGONE VOLCANICS. SEVERAL QUARTZ VEIN SYSTEMS SUGGEST EPITHERMAL ACTIVITY AND POSSIBLE PRECIOUS METAL MINERALIZATION.
WORK DONE: GEOL 1:10000
ROCK 54;AU,AG
REFERENCES: A.R. 9086,10250,10345,13064,14789

PARADISE

MINING DIV: OMINECA ASSESSMENT REPORT 14783 INFO CLASS 4
LOCATION: LAT. 57 13.5 LONG. 126 54.0 NTS: 94E/ 2W
CLAIMS: PARADISE 2
OPERATOR: HUDSON, W.
AUTHOR: BUTLER, S.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY JURASSIC TOODOGGONE VOLCANICS TO THE NORTH AND TRIASSIC TAKLA VOLCANICS TO THE WEST SEPARATED BY A NORTHWEST TRENDING FAULT WHICH PASSES THROUGH THE SHASTEX AND PARADISE 2 CLAIMS. QUARTZ FILLED FRACTURES, SILICIFICATION PROPYLITIC ALTERATION AND PYRITIZATION WERE ALL NOTED IN THE HYDROTHERMALLY ALTERED TOODOGGONE VOLCANICS.
WORK DONE: SILT 2;MULTIELEMENT
ROCK 7;MULTIELEMENT
PROS 1:12800
REFERENCES: A.R. 14783

TUT

MINING DIV: OMINECA ASSESSMENT REPORT 15361 INFO CLASS 3
LOCATION: LAT. 57 1.7 LONG. 126 49.8 NTS: 94E/ 2W
CLAIMS: TUT 1-2
OPERATOR: UNIVEX MIN.
AUTHOR: DEMCZUK, L.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PERMIAN ASITKA GROUP LIMESTONES, UPPER TRIASSIC TAKLA GROUP VOLCANICS AND MIDDLE JURASSIC ANDESITIC TOODOGGONE VOLCANICS INTRUDED BY JURASSIC GRANDODIORITE. WEAK PYRITE MINERALIZATION AND EPIDOTE ALTERATION IS ASSOCIATED WITH GREEN TO MAROON ANDESITIC VOLCANICS. SOIL GEOCHEMISTRY HAS DEFINED ANOMALOUS SILVER, LEAD, ZINC AND COPPER ANOMALIES.
WORK DONE: GEOL 1:10000
SOIL 496;MULTIELEMENT
ROCK 13;AG,AU,AS,CU,PB,ZN
REFERENCES: A.R. 13122,15361

VIP 7, VIP 30, VIP 29

MINING DIV: OMINECA ASSESSMENT REPORT 15202 INFO CLASS 3
LOCATION: LAT. 57 9.7 LONG. 126 52.7 NTS: 94E/ 2W
CLAIMS: GRACE 1-4
OPERATOR: ASITKA RES.
AUTHOR: PEZZOT, E. WHITE, G.
COMMODITIES: COPPER, ZINC, MOLYBDENUM
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A LOWER TO MIDDLE JURASSIC QUARTZ MONZONITE AND GRANODIORITE INTRUSION IN FAULT CONTACT WITH UPPER TRIASSIC TAKLA GROUP VOLCANICS. A NUMBER OF OCCURRENCES OF PYRITE, CHALCOPYRITE, SPHALERITE AND MOLYBDENITE MINERALIZATION ARE HOSTED IN TAKLA GROUP VOLCANICS. THE AIRBORNE GEOPHYSICAL SURVEY HAS AIDED THE GEOLOGICAL INTERPRETATION OF THE CLAIM AREA.
WORK DONE: MAGA 149.0 KM
EMAB 149.0 KM;VLF
REFERENCES: A.R. 5144,7649,9494,13057,15202
M.I. 094E 047-VIP 7;094E 048-VIP 30;094E 049-VIP 29

BLACK

MINING DIV: OMINECA ASSESSMENT REPORT 14732 INFO CLASS 4
LOCATION: LAT. 57 16.0 LONG. 127 2.5 NTS: 94E/ 3E 94E/ 6E
CLAIMS: BLACK II, BLACK IV
OPERATOR: TOODOGGONE SYND.
AUTHOR: BELL, M.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP VOLCANICS BOUNDED TO THE EAST BY JURASSIC AGE TOODOGGONE VOLCANICS. THE BLACK LAKE QUARTZ MONZONITE STOCK IS EXPOSED AS A THIN WEDGE NEAR THE CENTRE OF THE CLAIM GROUP. ISOLATED MODERATELY ANOMALOUS METAL VALUES OCCUR IN SOIL.
WORK DONE: SOIL 81;MULTIELEMENT
HMIN 3;MULTIELEMENT
REFERENCES: A.R. 14732

LAC NOIR

MINING DIV: OMINECA ASSESSMENT REPORT 15268 INFO CLASS 4
LOCATION: LAT. 57 14.0 LONG. 127 1.0 NTS: 94E/ 3E
CLAIMS: LAC NOIR
OPERATOR: TOODOGGONE SYND.
AUTHOR: PEZZOT, E.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY A LATE JURASSIC INTRUSIVE. A NORTHWESTERLY STRIKING REGIONAL FAULT CROSSES THE NORTHEAST CORNER OF THE CLAIM SEPARATING THE INTRUSIVE ROCKS FROM UPPER TRIASSIC TAKLA GROUP VOLCANICS TO THE EAST.
WORK DONE: MAGA 50.0 KM
REFERENCES: A.R. 15268

DAR

MINING DIV: LIARD ASSESSMENT REPORT 14464 INFO CLASS 3
LOCATION: LAT. 57 32.4 LONG. 127 33.3 NTS: 94E/ 5E 94E/11W
CLAIMS: ADOOG 1-6
OPERATOR: DELAWARE RES.
AUTHOR: NETOLITZKY, R. NAGY, L.
COMMODITIES: LEAD, ZINC
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY THREE MEMBERS OF THE LOWER TO MIDDLE JURASSIC TOODOGGONE VOLCANICS INCLUDING CRYSTAL ASH TUFFS OF THE ADOOGATCHO CREEK FORMATION, TUFFS OF THE MOYEZ CREEK FORMATION VOLCANICLASTICS, AND INTERMEDIATE FLOWS OF THE TUFF PEAK FORMATION. UPPER TRIASSIC TAKLA GROUP BASALT FLOWS OUTCROP ALONG THE NORTH

BOUNDARY OF ADOOG 1. MINERALIZATION OBSERVED CONSISTS OF SILICIFIED SHEAR ZONES CARRYING MINOR PYRITE AND LOW GOLD VALUES.
WORK DONE: GEOL 1:10000
SILT 141;MULTIELEMENT
ROCK 42;AU,AG
REFERENCES: A.R. 14464
M.I. 094E 090-DAR

INDIAN GOLD

MINING DIV: LIARD ASSESSMENT REPORT 14992 INFO CLASS 3
LOCATION: LAT. 57 28.0 LONG. 127 29.0 NTS: 94E/ 5E 94E/ 6W
CLAIMS: INDIAN GOLD 1-4
OPERATOR: ELLE ENERGY
AUTHOR: WHITE, G. PEZZOT, E.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MIDDLE JURASSIC TOODOGGONE VOLCANICS. THE GEOPHYSICAL SURVEY IDENTIFIED MAGNETIC AND VLF ELECTROMAGNETIC FEATURES.
WORK DONE: MAGA 257.0 KM
EMAB 257.0 KM;VLF
REFERENCES: A.R. 14992

BELLE

MINING DIV: OMINECA ASSESSMENT REPORT 14489 INFO CLASS 3
LOCATION: LAT. 57 24.3 LONG. 127 7.7 NTS: 94E/ 6E
CLAIMS: BELLE 1-2, BELLE 4
OPERATOR: MANSON CREEK RES.
AUTHOR: MILLINOFF, T. DAVIS, J.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MIDDLE JURASSIC TOODOGGONE VOLCANICS CONSISTING OF PORPHYRITIC TRACHY-ANDESITES. A QUARTZ BRECCIA ZONE CARRYING GOLD AND SILVER VALUES APPEARS TO BE RELATED TO NORTHWEST TRENDING FRACTURE SYSTEMS.
WORK DONE: GEOL 1:5000
SOIL 280;AU,AG
SILT 10;AU,AG
ROCK 33;AU,AG
SAMP 12;AU,AG
LINE 6.6 KM
TREN 6.0 M;1 TRENCH
REFERENCES: A.R. 14489
M.I. 094E 096-BELLE

CASTLE MOUNTAIN

MINING DIV: OMINECA ASSESSMENT REPORT 14979 INFO CLASS 3
LOCATION: LAT. 57 16.8 LONG. 127 8.0 NTS: 94E/ 6E
CLAIMS: CASTLE MT. 1, CASTLE MT. 2 FR
OPERATOR: CAPROCK ENERGY
AUTHOR: FLOYD, A. WHITE, G.
COMMODITIES: LEAD, ZINC, COPPER
DESCRIPTION: LOWER PALEOZOIC LIMESTONES AND VOLCANIC ROCKS OF THE UPPER TRIASSIC TAKLA GROUP ARE INTRUDED BY A GRANITIC BODY RELATED TO THE JURASSIC OMINECA INTRUSIONS. SKARN TYPE MINERALIZATION CONSISTING OF SPHALERITE, GALENA, CHALCOPYRITE AND MAGNETITE OCCURS IN THE LIMESTONES. THE GEOPHYSICAL SURVEY LOCATED SEVERAL INDUCED POLARIZATION CONDUCTORS.
WORK DONE: GEOL 1:2500
IPOL 5.3 KM
REFERENCES: A.R. 4199,10525,13926,14979
M.I. 094E 027-CASTLE MOUNTAIN

CHAPPELLE

MINING DIV: OMINECA ASSESSMENT REPORT 15321 INFO CLASS 2
LOCATION: LAT. 57 17.2 LONG. 127 6.5 NTS: 94E/ 6E
CLAIMS: MINING LEASE 13
OPERATOR: MULTINATIONAL RES.
AUTHOR: CARTER, N.
COMMODITIES: GOLD, SILVER, COPPER
DESCRIPTION: NORTHEAST-STRIKING GOLD AND SILVER BEARING QUARTZ VEINS MINERALIZED WITH CHALCOPYRITE AND SPHALERITE ARE HOSTED BY UPPER TRIASSIC TAKLA GROUP ANDESITES NORTH OF THEIR CONTACT WITH GRANITIC ROCKS OF THE BLACK LAKE STOCK. DRILLING ON THE B ZONE IDENTIFIED A GOLD-SILVER BEARING QUARTZ VEIN WHICH APPARENTLY TERMINATES 20 TO 30 METRES BELOW SURFACE.
WORK DONE: DIAD 977.5 M;10 HOLES,NQ
SAMP 163;AU,AG
REFERENCES: A.R. 1959,2582,2819,3171,3198,3314,3343,3362,3366,3367,3417,3418,3419,4065,4066,5268,5667,6096,7533,9889,10662,11516,11598,15321
M.I. 094E 026-CHAPPELLE

ED

MINING DIV: OMINECA ASSESSMENT REPORT 15070 INFO CLASS 3
LOCATION: LAT. 57 29.2 LONG. 127 5.5 NTS: 94E/ 6E
CLAIMS: MAGIC 1-11
OPERATOR: ISLAND CANYON MINES
AUTHOR: BELL, M.
COMMODITIES: COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP INTERMEDIATE TO MAFIC FLOWS AND PYROCLASTICS THAT STRIKE NORTHWEST AND DIP GENTLY TO THE SOUTHEAST. A MAJOR FAULT SEPARATES TAKLA GROUP ROCKS TO THE WEST FROM JURASSIC HAZELTON GROUP VOLCANICS TO THE EAST. THE HAZELTON GROUP VOLCANICS CONSIST OF ANDESITIC PYROCLASTIC ROCKS WHICH ARE CROSSCUT BY MONZONITE TO SYENITE PORPHYRY DYKES. MODERATELY ANOMALOUS MULTIELEMENT SOIL VALUES OCCUR.
WORK DONE: SOIL 165;ZN,AG,AU,CU,PB
REFERENCES: A.R. 2506,15067,15070
M.I. 094E 023-ED

EHL

MINING DIV: OMINECA ASSESSMENT REPORT 15067 INFO CLASS 3
LOCATION: LAT. 57 28.4 LONG. 127 3.8 NTS: 94E/ 6E
CLAIMS: JOANNA 1-11
OPERATOR: ARMOR DEV.
AUTHOR: BELL, M.
COMMODITIES: COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTHWEST STRIKING LOWER JURASSIC HAZELTON GROUP VOLCANICS IN THE SOUTH PART OF THE CLAIMS AND MASSIVE MAFIC VOLCANICS OF THE UPPER TRIASSIC TAKLA GROUP TO THE NORTH. LOCALLY, GENTLY DIPPING MIDDLE JURASSIC TOODOGGONE VOLCANICS OCCUR. MODERATELY ANOMALOUS MULTIELEMENT SOIL VALUES WERE IDENTIFIED.
WORK DONE: SOIL 229;ZN,AG,CU,AU
ROCK 2;ZN,AG,CU,AU
HMIN 8;ZN,AG,CU,AU
REFERENCES: A.R. 2506,15067,15070
M.I. 094E 036-EHL

FALCON A

MINING DIV: OMINECA ASSESSMENT REPORT 14709 INFO CLASS 3
LOCATION: LAT. 57 26.5 LONG. 127 4.0 NTS: 94E/ 6E
CLAIMS: PEREGRINE, FALCON A
OPERATOR: MULTINATIONAL RES.
AUTHOR: BELL, M.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY JURASSIC TOODOGGONE VOLCANICS AND/OR HAZELTON GROUP VOLCANICS WHICH ARE INTRUDED BY GRANITIC STOCKS ALONG THE WESTERN SIDE OF THE CLAIMS. SHEARED AND ALTERED LIMONITIC-STAINED GRANITES OCCUR ALONG MCCLAIR CREEK. SEVERAL ANOMALOUS MULTIELEMENT GEOCHEMICAL VALUES OCCUR.
WORK DONE: SOIL 122;MULTIELEMENT
SILT 7;AG,AU
ROCK 9;AG,AU
HMIN 16;AG,AU
REFERENCES: A.R. 14709

G.W.P.

MINING DIV: OMINECA ASSESSMENT REPORT 14696 INFO CLASS 3
LOCATION: LAT. 57 21.5 LONG. 127 1.0 NTS: 94E/ 6E 94E/ 7W
CLAIMS: G.W.P. 1
OPERATOR: CASSIDY RES.
AUTHOR: TOMPSON, W.
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY FELSIC TO INTERMEDIATE FLOWS AND TUFFS OF THE UPPER JURASSIC TOODOGGONE VOLCANICS. THE ORIGINAL IDENTITY OF THE ROCKS ON THE PROPERTY ARE OBSCURED BY A STRONG SERICITIC DEVELOPMENT. LARGE QUARTZ VEINS AND QUARTZ-SERICITE VEINS STRIKE NORTH 55 DEGREES WEST ACROSS THE CLAIM AREA AND ARE UP TO 60 METRES LONG WITH ASSOCIATED PARALLEL CLAY ZONES UP TO 5 OR 6 METRES WIDE. BARITE OCCURS LOCALLY IN THE QUARTZ VEINS. THE ALTERED VOLCANIC ROCKS ARE INTRUDED BY GRANODIORITE DYKES WHICH ARE YOUNGER THAN THE HYDROTHERMAL EVENTS. THE DYKES STRIKE NORTHWEST, PARALLEL TO THE CLAY ZONES AND QUARTZ VEINS. TRENCH SAMPLING RETURNED SLIGHTLY ANOMALOUS GOLD AND SILVER VALUES.
WORK DONE: GEOL 1:2000,1:100
ROCK 31;AU,AG,AS,SB
PETR 6
TOPO 1:10000
LINE 3.4 KM
TREN 34.0 M;6 TRENCHES

REFERENCES: A.R. 14696

HORN

MINING DIV: OMINECA ASSESSMENT REPORT 14435 INFO CLASS 2
LOCATION: LAT. 57 30.0 LONG. 127 15.0 NTS: 94E/ 6E 94E/11W
CLAIMS: HORN 2, HORN 4-5
OPERATOR: NORMAN RES.
AUTHOR: FLOYD, A. HELGASON, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY EARLY JURASSIC TOODOGGONE VOLCANICS CONSISTING OF ANDESITE FLOWS AND BRECCIA WHICH ARE LOCALLY INTRUDED BY FELDSPAR PORPHYRY DYKES. ISOLATED ANOMALOUS MULTIELEMENT SOIL VALUES OCCUR. TWO MAGNETIC FEATURES WERE IDENTIFIED FROM THE GEOPHYSICAL SURVEY.
WORK DONE: MAGG 11.8 KM
SOIL 753;MULTIELEMENT
ROCK 10;AU
REFERENCES: A.R. 14435

JOANNA

MINING DIV: OMINECA ASSESSMENT REPORT 14765 INFO CLASS 3
LOCATION: LAT. 57 27.5 LONG. 127 5.0 NTS: 94E/ 6E
CLAIMS: JOANNA III-IV
OPERATOR: INT. DAMASCUS RES.
AUTHOR: BELL, M.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTH NORTHWEST STRIKING HAZELTON GROUP FLOWS AND PYROCLASTIC ROCKS OF JURASSIC AGE. RECONNAISSANCE CONTOUR SOIL AND STREAM SEDIMENT SAMPLING LOCATED THREE AREAS CONTAINING ANOMALOUS VALUES OF GOLD, SILVER AND COPPER.
WORK DONE: SOIL 234;MULTIELEMENT
SILT 14;MULTIELEMENT
ROCK 8;MULTIELEMENT
REFERENCES: A.R. 14765

JOANNA

MINING DIV: OMINECA ASSESSMENT REPORT 15338 INFO CLASS 3
LOCATION: LAT. 57 27.4 LONG. 127 5.3 NTS: 94E/ 6E
CLAIMS: JOANNA III, JOANNA IV
OPERATOR: INT. DAMASCUS RES.
AUTHOR: STEEL, J. SORBARA, J.

DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY FELDSPAR PORPHYRY FLOWS, TUFFS, BRECCIAS AND ASSOCIATED SEDIMENTS OF THE MIDDLE JURASSIC TOODOGGONE VOLCANICS. THOSE ROCKS ARE IN FAULT CONTACT WITH UPPER TRIASSIC AUGITE PORPHYRY BASALT FLOWS OF THE TAKLA GROUP TO THE NORTH AND ARE SEPARATED FROM AN INTRUSIVE UNIT TO THE SOUTH BY A MINOR NORTHWEST-TRENDING FAULT ZONE WHICH MAY CROSSCUT THE SOUTHWESTERN CORNER OF THE PROPERTY. ANOMALOUS SOIL AND VLF ELECTROMAGNETIC SURVEY RESULTS WERE IDENTIFIED.

WORK DONE: GEOL 1:10000
MAGG 6.2 KM
EMGR 8.5 KM;VLF
SOIL 200;MULTIELEMENT
SILT 51;MULTIELEMENT
ROCK 12;MULTIELEMENT

REFERENCES: A.R. 14765,15338

MAC

MINING DIV: OMINECA ASSESSMENT REPORT 14731 INFO CLASS 3
LOCATION: LAT. 57 25.0 LONG. 127 2.5 NTS: 94E/ 6E
CLAIMS: MAC I-II, MAC IV
OPERATOR: GOLDBRAE DEV.
AUTHOR: BELL, M.

DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MONZONITE AND MONZODIORITE PHASES OF THE MCCLAIR CREEK STOCK. INTERMEDIATE VOLCANIC ROCKS OF THE JURASSIC TOODOGGONE VOLCANICS OR HAZELTON GROUP OCCUR IN THE NORTHWEST PART OF THE MAC II CLAIM. MODERATELY ANOMALOUS MULTIELEMENT SOIL VALUES OCCUR.

WORK DONE: SOIL 131;MULTIELEMENT
ROCK 1;MULTIELEMENT
HMIN 3;MULTIELEMENT

REFERENCES: A.R. 14731

MCCLAIR CREEK, TOODOGGONER

MINING DIV: OMINECA ASSESSMENT REPORT 14209 INFO CLASS 4
LOCATION: LAT. 57 23.3 LONG. 127 4.5 NTS: 94E/ 6E
CLAIMS: MAC III, HYFLY I-II
OPERATOR: BLACK DIAMOND RES.
AUTHOR: DONNELLY, T.
COMMODITIES: PLACER GOLD

DESCRIPTION: THE EASTERN PORTION OF THE CLAIMS IS UNDERLAIN BY A PORPHYRITIC FELDSPAR-BIOTITE MONZONITE INTRUSIVE, FRACTURED AND PYRITIZED. THE WESTERN

PORTION IS UNDERLAIN BY TOODOGGONE VOLCANICS.
A MAJOR FAULT RUNS NORTHWESTERLY THROUGH THE
CLAIMS AND MAY BE MINERALIZED.
WORK DONE: SOIL 52;AU,AG,PB,ZN,CU
SILT 11;AU,AG,PB,ZN,CU
PROS 1:10000
REFERENCES: A.R. 10534,11576,14209
M.I. 094E 001-MCCLAIR CREEK,094E 018-TODOGGONER

MOOSEHORN

MINING DIV: OMINECA ASSESSMENT REPORT 14697 INFO CLASS 3
LOCATION: LAT. 57 23.5 LONG. 127 14.5 NTS: 94E/ 6E 94E/ 6W
CLAIMS: G.W.P. 29-30
OPERATOR: CASSIDY RES.
AUTHOR: TOMPSON, W.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY A SEQUENCE OF FELSIC TO INTERMEDIATE FLOWS AND TUFFS OF THE UPPER JURASSIC TOODOGGONE VOLCANICS. ANDESITE, TRACHY-ANDESITE AND ALTERED TRACHY-ANDESITE OCCUR IN THE NORTH AND SOUTH PARTS OF THE CLAIM AREA. ALTERATION CONSISTS OF ANKERITE, CALCITE AND QUARTZ.
WORK DONE: GEOL 1:10000,1:1500,1:100
ROCK 43;AU,AG,AS,SB
PETR 9 THIN SECTIONS
TOPO 1:10000
LINE 5.0 KM
TREN 16.0 M;1 TRENCH
REFERENCES: A.R. 10051,14697
M.I. 094E 086-MOOSEHORN

PAU

MINING DIV: OMINECA ASSESSMENT REPORT 14645 INFO CLASS 3
LOCATION: LAT. 57 16.0 LONG. 127 10.0 NTS: 94E/ 6E
CLAIMS: MASON 1
OPERATOR: SEREM
AUTHOR: CROOKER, G. VULIMIRI, M.
COMMODITIES: GOLD, SILVER, COPPER, LEAD, ZINC
DESCRIPTION: GALENA, TETRAHEDRITE AND MINOR SPHALERITE WITH GOLD AND SILVER VALUES ARE ASSOCIATED WITH SILICEOUS AND SILICIFIED ZONES IN LOWER TRIASSIC TOODOGGONE AND UPPER TRIASSIC TAKLA VOLCANIC ROCKS. PRECIOUS METAL VALUES OBTAINED FROM A

STRONGLY SILICIFIED ZONE RANGED UP TO 464 GRAMMES/ TONNE GOLD AND 7361.1 GRAMMES/TONNE SILVER.
WORK DONE: EMGR 8.3 KM;VLF,R
SAMP 46;AU,AG
LINE 8.8 KM
TREN 350.0 M;7 TRENCHES
REFERENCES: A.R. 8434,9973,10788,11540,14645
M.I. 094E 072-PAU

SAUNDERS, SOM

MINING DIV: OMINECA ASSESSMENT REPORT 14487 INFO CLASS 3
LOCATION: LAT. 57 20.3 LONG. 127 4.6 NTS: 94E/ 6E
CLAIMS: SAUNDERS 1-4
OPERATOR: GOLDEN RULE RES.
AUTHOR: DAVIS, J.
COMMODITIES: LEAD, GOLD, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MIDDLE JURASSIC TOODOGGONE VOLCANICS CONSISTING OF TRACHY-ANDESITE FLOWS AND TUFFS. QUARTZ-BARITE BRECCIA ZONES AND QUARTZ VEINS MINERALIZED WITH GALENA, PYRITE AND ARGENTITE OCCUR IN NORTHWEST TRENDING FRACTURE ZONES AND CARRY GOLD AND SILVER VALUES.
WORK DONE: GEOL 1:5000
ROCK 64;AU,AG
REFERENCES: A.R. 2822,3315,3416,3837,3841,4615,5106,5167, 5825,7703,8330,8388,9244,9478,9704,10728,11479, 11510,11606,14487
M.I. 094E 017-SAUNDERS;094E 040-SOM

SILVER POND, CLOUD CREEK

MINING DIV: OMINECA ASSESSMENT REPORT 14700 INFO CLASS 1
LOCATION: LAT. 57 20.6 LONG. 127 14.9 NTS: 94E/ 6E 94E/ 6W
CLAIMS: SILVER CLOUD 1, SILVER CLOUD 2, SILVER POND
SILVER POND FR., SILVER SUN, SILVER BULLET, SILVER CREEK
OPERATOR: ST. JOE CAN.
AUTHOR: KENNEDY, D. WESTON, A.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY A SEQUENCE OF THE TOODOGGONE VOLCANICS, IN PART OVERLAIN BY SUSTAT CONGLOMERATE IN THE SOUTHERN PART OF THE PROPERTY. TOODOGGONE VOLCANICS ARE BELIEVED TO BE OF LOWER JURASSIC AGE. A SERIES OF NORTH-NORTHWEST TRENDING, STEEPLY DIPPING FAULTS TRANSECT THE PROPERTY AND PROBABLY ACT AS THE PLUMBING SYSTEM FOR EPITHERMAL FLUIDS CARRYING GOLD-SILVER MINERALS.

WORK DONE: GEOL 1:10000,1:500
MAGG 170.0 KM;VLF
EMGR 37.7 KM;VLF
REST 62.0 KM
SOIL 2501;AU,AG,BA
SILT 67;AU,AG
DIAD 3003 M;29 HOLES,NQ
SAMP 3918;AG,AU
TOPO 1:10000
LINE 175.0 KM
REFERENCES: A.R. 8300,9644,10032,10034,10035,10047,10048,
10049,10050,10051,11216,12877,12911,14700
M.I. 094E 069-SILVER POND;094E 075-CLOUD CREEK

STURDEE

MINING DIV: OMINECA ASSESSMENT REPORT 15185 INFO CLASS 3
LOCATION: LAT. 57 25.5 LONG. 127 12.0 NTS: 94E/ 6E 94E/ 6W
CLAIMS: JR, TOUR, GROVER FR., FURLONG, STURDEE, KADAH 1-2
SHODEE, BIG BIRD
OPERATOR: ENERGEX MIN.
AUTHOR: PEZZOT, E. WHITE, G.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY TUFF PEAK FORMATION AND MCLAIR CREEK FORMATION ROCKS OF THE MIDDLE JURASSIC TOODOGGONE VOLCANICS. GEOPHYSICAL SURVEY RESULTS IDENTIFIED ANOMALOUS MAGNETIC FEATURES.
WORK DONE: MAGA 265.0 KM
EMAB 265.0 KM;VLF
REFERENCES: A.R. 10708,15183,15185

WINKLE

MINING DIV: OMINECA ASSESSMENT REPORT 15183 INFO CLASS 3
LOCATION: LAT. 57 28.1 LONG. 127 16.0 NTS: 94E/ 6E 94E/ 6W
CLAIMS: JO FR., RJ FR., TINKLE FR., CHUTE, WANKLE, ANTOINE LOUIS
SURPRISE, WINKLE, GEROME, WAS 2
OPERATOR: ENERGEX MIN.
AUTHOR: PEZZOT, E. WHITE, G.
DESCRIPTION: THE CLAIMS ARE PREDOMINANTLY UNDERLAIN BY ROCKS OF THE TUFF PEAK FORMATION, A SUBDIVISION OF THE MIDDLE JURASSIC TOODOGGONE VOLCANICS, WHICH CONSISTS OF BIOTITE-AUGITE-HORNBLENDE-PLAGIOCLASE PORPHYRY FLOWS, AUTOBRECCIATED FLOWS, MINOR SILLS AND PLUGS AND SOME CRYSTAL AND LAPILLI TUFF. GEOPHYSICAL SURVEY RESULTS ARE INTERPRETED TO INDICATE EXTENSIVE FAULTING AND ALTERATION ON THE

CLAIMS.
WORK DONE: MAGA 242.0 KM
EMAB 242.0 KM;VLF
REFERENCES: A.R. 10708,15183,15185

BV THESIS II & III

MINING DIV: LIARD ASSESSMENT REPORT 14459 INFO CLASS 2
LOCATION: LAT. 57 27.8 LONG. 127 22.8 NTS: 94E/ 6W
CLAIMS: AL 1, AL 3
OPERATOR: ENERGEX MIN.
AUTHOR: SIVERTZ, G.
COMMODITIES: GOLD
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY JURASSIC TOODOGGONE VOLCANICS INCLUDING FELDSPAR-HORNBLENDE-BIOTITE ANDESITE FLOW ROCKS AND TUFF HOSTED EPITHERMAL ALTERATION ZONES CONTAINING QUARTZ-BARITE-GOLD MINERALIZATION. THESE ZONES TYPICALLY CONTAIN CENTRAL OR CORE ZONES OF INTENSELY SILICIFIED ROCK ENVELOPED BY ARGILLIC ALTERATION. THE CORE ZONES ARE COMMONLY TABULAR IN PLAN, HAVE STEEP TO MODERATE DIPS, AND ARE LOCALIZED BY NORTHEAST TO NORTHWEST TRENDING FAULTS. THE LARGEST ZONES EXCEED 50 HECTARES IN AREA. THE DRILLING CONFIRMED CONSISTENT GOLD MINERALIZATION IN THE CENTRAL PART OF THE THESIS III ZONE.
WORK DONE: GEOL 1:200
ROCK 262;AU
DIAD 793.2 M;17 HOLES,HQ
SAMP 758;AU
TREN 290.0 M;5 TRENCHES
REFERENCES: A.R. 14459,14460
M.I. 094E 091-BV THESIS II & III

BV-THESIS II & III

MINING DIV: LIARD ASSESSMENT REPORT 14460 INFO CLASS 2
LOCATION: LAT. 57 27.8 LONG. 127 22.8 NTS: 94E/ 6W
CLAIMS: AL 4, AL 6, HYUK 2-3, NII
OPERATOR: ENERGEX MIN.
AUTHOR: SIVERTZ, G.
COMMODITIES: GOLD
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY LOWER JURASSIC TOODOGGONE VOLCANICS INCLUDING FELDSPAR-HORNBLENDE-BIOTITE ANDESITE FLOWS AND TUFF HOST HYDROTHERMAL (EPITHERMAL) ALTERATION ZONES CONTAINING QUARTZ-BARITE-GOLD MINERALIZATION. THE ALTERATION ZONES

ARE TYPICALLY TABULAR AND COMPRISE CENTRAL CORES OF INTENSELY SILICIFIED ROCK SURROUNDED BY ENVELOPES OF ARGILLIC ALTERATION. WEAK PROPYLITIC ALTERATION IS WIDESPREAD. THE ALTERATION ZONES ARE STEEPLY DIPPING AND APPEAR TO BE CONTROLLED BY NORTHWEST TO NORTHEAST TRENDING FAULTS. THE DRILLING CONFIRMED CONSISTENT GOLD MINERALIZATION IN THE CENTRAL PART OF THE THESIS III ZONE.

WORK DONE: GEOL 1:500,1:200,1:100
ROCK 250;AU,AG
DIAD 634.5 M;11 HOLES,NQ
SAMP 556;AU
TREN 250.0 M;32 TRENCHES
REFERENCES: A.R. 8128,9293,10226,10482,10709,11157,12182,12457,13503,14459,14460
M.I. 094E 091-BV-THESIS II & III

CHUCK, MOYEZ

MINING DIV: LIARD ASSESSMENT REPORT 15045 INFO CLASS 3
LOCATION: LAT. 57 29.8 LONG. 127 27.5 NTS: 94E/ 6W 94E/11W
CLAIMS: CHUCK 1, MOYEZ 1, MOYEZ 4
OPERATOR: MIRAMAR ENERGY
AUTHOR: TODORUK, S. IKONA, C.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MIDDLE JURASSIC TOODOGGONE VOLCANICS EXHIBITING A NUMBER OF SILICIFIED AND ALUNITE ALTERATION ZONES LARGELY OBSCURED BY OVERBURDEN. GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: EMGR 8.3 KM;VLF
REST 8.3 KM
REFERENCES: A.R. 13037,14005,15045

LEXIM

MINING DIV: OMINECA ASSESSMENT REPORT 15257 INFO CLASS 3
LOCATION: LAT. 57 27.0 LONG. 127 16.0 NTS: 94E/ 6W
CLAIMS: LEXIM 1-3
OPERATOR: MANDUSA RES.
AUTHOR: RICHARDS, T.
DESCRIPTION: ABOUT FIVE PER CENT OF THE PROPERTY AREA CONSISTS OF OUTCROP. THE DOMINANT ROCKS ARE FELDSPAR-HORNBLENDE AND FELDSPAR-BIOTITE PORPHYRIES OF THE TOODOGGONE VOLCANICS (LOWER-MIDDLE JURASSIC) WHICH INCLUDE TUFFS AND BRECCIAS. THESE ROCKS ARE CUT BY FOUR NORTH-NORTHWEST TRENDING FAULTS AND TWO VEIN STRINGER SYSTEMS. EIGHT SEPARATE OCCURRENCES OF

ANOMALOUS GOLD AND SILVER VALUES LIKELY DEFINE A MINERALIZED ZONE TRACEABLE IN EXCESS OF 2000 METRES.

WORK DONE: GEOL 1:12500
SOIL 63;MULTIELEMENT
SILT 13;MULTIELEMENT
ROCK 197;MULTIELEMENT
REFERENCES: A.R. 9393,10473,15257

METS

MINING DIV: LIARD ASSESSMENT REPORT 14498 INFO CLASS 2
LOCATION: LAT. 57 26.2 LONG. 127 19.5 NTS: 94E/ 6W
CLAIMS: METS 1-2
OPERATOR: MANSON CREEK RES.
AUTHOR: MILLINOFF, T. DAVIS, J.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MIDDLE JURASSIC TOODOGGONE VOLCANICS CONSISTING OF TRACHYTE PORPHYRY FLOWS AND TRACHY-ANDESITE FLOWS AND TUFFS. A QUARTZ-BARITE BRECCIA VEIN SYSTEM WITH ASSOCIATED SILICIFICATION AND ARGILLIC ALTERATION CONTAINS FINELY DISSEMINATED PYRITE AND SPARSE FREE GOLD. THE BRECCIA SYSTEM APPEARS TO BE FAULT RELATED. ASSAY RESULTS FROM DRILL HOLE DATA INDICATE GOLD VALUES OF 10.3 GRAMMES/TONNE ACROSS 8.1 METRES.
WORK DONE: GEOL 1:5000,1:500,1:200
SOIL 811;AU,AG
ROCK 509;AU,AG
DIAD 230.7;4 HOLES,BQ
SAMP 128;AU,AG
LINE 20.1 KM
ROAD 1.3 KM
TREN 1718.0 M;36 TRENCHES
REFERENCES: A.R. 9241,10348,12491,14498
M.I. 094E 093-METS

METSANTAN

MINING DIV: OMINECA ASSESSMENT REPORT 14412 INFO CLASS 2
LOCATION: LAT. 57 26.0 LONG. 127 17.0 NTS: 94E/ 6W
CLAIMS: METSANTAN 1-5, METSANTAN 8
OPERATOR: BART RES.
AUTHOR: NETOLITZKY, R.
COMMODITIES: GOLD, SILVER, LEAD, ZINC
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY INTERMEDIATE TO FELSIC

VOLCANIC ROCKS OF THE LOWER JURASSIC TOODOGGONE VOLCANICS. QUARTZ-BARITE; QUARTZ-CARBONATE VEINS OCCUR IN OR AROUND FRACTURE ZONES WITHIN THE TOODOGGONE VOLANICS AND MAY BE ASSOCIATED WITH SILICIFICATION AND CLAY ALTERATION. GOLD AND SILVER VALUES OCCUR WITHIN THE VEIN SYSTEMS. ONE VEIN ASSAYED 30.6 GRAMMES/TONNE GOLD AND 490.5 GRAMMES/TONNE SILVER ACROSS 0.5 METRES.

WORK DONE: GEOL 1:5000,1:100
SOIL 954;AU,AG
ROCK 271;AU,AG
LINE 8.5 KM
TREN 200.0 M;12 TRENCHES
REFERENCES: A.R. 9084,14412
M.I. 094E 064-METSANTAN

METSANTAN 8

MINING DIV: LIARD ASSESSMENT REPORT 15345 INFO CLASS 3
LOCATION: LAT. 57 26.7 LONG. 127 21.3 NTS: 94E/ 6W
CLAIMS: METSANTAN 8
OPERATOR: LACANA MIN.
AUTHOR: JOHNSTON, R.
COMMODITIES: GOLD, SILVER
DESCRIPTION: DRILLING ON A SILICA-ARGILLIC ALTERED ZONE WITHIN PROPYLITICALLY ALTERED MIDDLE JURASSIC TOODOGGONE VOLCANICS ENCOUNTERED GOLD VALUES TO 6.6 GRAMMES/TONNE.
WORK DONE: DIAD 615.7 M;5 HOLES,BQ
SAMP 257;AU,AG
REFERENCES: A.R. 15345
M.I. 094E 064-METSANTAN 8

MM AND PC

MINING DIV: OMINECA ASSESSMENT REPORT 15165 INFO CLASS 3
LOCATION: LAT. 57 21.0 LONG. 127 21.0 NTS: 94E/ 6W
CLAIMS: PC 1-4, MM 1-2
OPERATOR: TANKER OIL & GAS
AUTHOR: HARIVEL, C.
DESCRIPTION: TOODOGGONE AND EARLIER ROCKS SHOW REPEATED AND EXTENSIVE NORMAL BLOCK FAULTING FROM JURASSIC TO TERTIARY TIME. WITHIN THESE FAULT BLOCKS TOODOGGONE ROCKS DISPLAY BROAD OPEN FOLDS, COMMONLY WITH DIPS LESS THAN 25 DEGREES. SUSTAT GROUP ROCKS UNCONFORMABLY OVERLIE THESE EARLIER ROCKS AND HAVE RELATIVELY FLAT DIPS WITH FEW MAJOR STRUCTURAL

DISRUPTIONS.

WORK DONE: GEOL 1:10000
EMGR 30.0 KM;VLF
SOIL 20;MULTIELEMENT
SILT 6;MULTIELEMENT
ROCK 19;MULTIELEMENT
LINE 3.5 KM

REFERENCES: A.R. 9392,15165

MOYTAN

MINING DIV: LIARD ASSESSMENT REPORT 14984 INFO CLASS 4
LOCATION: LAT. 57 30.4 LONG. 127 27.5 NTS: 94E/ 6W 94E/11W
CLAIMS: MOYTAN 1-2
OPERATOR: GEOSTAR MIN.
AUTHOR: YEAGER, D. IKONA, C.

DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY THE JURASSIC ADOOGATCHO CREEK FORMATION (A UNIT OF THE TOODOGGONE VOLCANICS) COMPRISING ASH TUFFS AND BRECCIA UNITS. GEOLOGICAL MAPPING LOCATED AN AREA OF SILICA, ALUNITE, AND HEMATITE ALTERATION. ROCK CHIP SAMPLING RETURNED LOW GOLD VALUES.

WORK DONE: GEOL 1:10000
ROCK 22;MULTIELEMENT

REFERENCES: A.R. 14984

RIDGE, BONANZA

MINING DIV: LIARD ASSESSMENT REPORT 14638 INFO CLASS 3
LOCATION: LAT. 57 28.0 LONG. 127 22.0 NTS: 94E/ 6W
CLAIMS: AL 2
OPERATOR: ENERGEX MIN.
AUTHOR: ECCLES, L. SIVERTZ, G.
COMMODITIES: GOLD, SILVER

DESCRIPTION: TOODOGGONE VOLCANICS OF LOWER JURASSIC AGE, INCLUDING FELDSPAR-BIOTITE-HORNBLENDE ANDESITE, HOST HYDROTHERMAL (EPITHERMAL) ALTERATION ZONES CONTAINING QUARTZ-BARITE-GOLD-(SILVER) MINERALIZATION. THE ALTERATION ZONES TYPICALLY CONTAIN CENTRAL OR CORE ZONES OF INTENSE SILICIFICATION SURROUNDED BY ARGILLIC ALTERATION ENVELOPES. THEY ARE COMMONLY TABULAR IN PLAN, HAVE STEEP TO VERTICAL DIPS, AND ARE LOCALIZED BY NORTHWEST TO NORTHEAST TRENDING FAULTS.

WORK DONE: DIAD 271.3 M;7 HOLES,HQ
SAMP 225;AU,AG

REFERENCES: A.R. 10709,13198,13454,14638
M.I. 094E 078-RIDGE;094E 079-BONANZA

ANNA, MICHEL

MINING DIV: OMINECA ASSESSMENT REPORT 15267 INFO CLASS 4
LOCATION: LAT. 57 16.0 LONG. 126 54.0 NTS: 94E/ 7W
CLAIMS: ANNA, MICHEL
OPERATOR: TOODOGGONE SYND.
AUTHOR: PEZZOT, E.
DESCRIPTION: NORTHWESTERLY TRENDING UNDIVIDED TOODOGGONE VOLCANICS OF LOWER TO MIDDLE JURASSIC AGE ARE INTRUDED BY A CIRCULAR-SHAPED LATE JURASSIC PLUG IN THE SOUTHERN PART OF THE CLAIMS. A NORTH-SOUTH TRENDING FAULT CROSSES THE WESTERN SIDE OF ANNA CLAIM. THE CLAIMS ARE BEING EXPLORED FOR POSSIBLE EPITHERMAL PRECIOUS METAL DEPOSITS.
WORK DONE: MAGA 75.0 KM
REFERENCES: A.R. 1825,1861,1906,15267

DEBRA LYNN, MARKER

MINING DIV: OMINECA ASSESSMENT REPORT 14774 INFO CLASS 3
LOCATION: LAT. 57 21.5 LONG. 126 56.0 NTS: 94E/ 7W
CLAIMS: DEBRA LYNN, MARKER
OPERATOR: KELLY-KERR ENERGY
AUTHOR: FLOYD, A. HOWE, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY ANDESITIC FLOWS AND PYROCLASTICS OF THE JURASSIC HAZELTON GROUP, AND ARE INTRUDED BY DIORITE AND RELATED PORPHYRITIC DYKES. PYRITE OCCURS AT THE CONTACT MARGINS. SOME MODERATELY ANOMALOUS MULTIELEMENT VALUES OCCUR IN SOIL.
WORK DONE: GEOL 1:5000
SOIL 446;MULTIELEMENT
ROCK 39;AU,AG
REFERENCES: A.R. 14774

GRAVES

MINING DIV: OMINECA ASSESSMENT REPORT 14824 INFO CLASS 3
LOCATION: LAT. 57 22.6 LONG. 126 58.9 NTS: 94E/ 7W
CLAIMS: GRAVES 1
OPERATOR: GEOSTAR MIN.
AUTHOR: YEAGER, D. IKONA, C.

COMMODITIES: GOLD, SILVER, LEAD, ZINC, COPPER
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY MIDDLE JURASSIC TOODOGGONE VOLCANICS THAT APPEAR TO BE IN PART EQUIVALENT TO LOWER JURASSIC HAZELTON GROUP VOLCANICS WHICH ARE INTRUDED BY LOWER TO MIDDLE JURASSIC GRANODIORITIC TO QUARTZ DIORITIC INTRUSIVES. MINERALIZATION CONSISTS OF ACANTHITE GOLD, PYRITE, GALENA, SPHALERITE, TETRAHEDRITE AND SILVER AND OCCUR IN QUARTZ VEIN SYSTEMS AND QUARTZ STOCKWORK BRECCIA ZONES.
WORK DONE: GEOL 1:50
ROCK 71;MULTIELEMENT
TREN 32.0 M;1 TRENCH
REFERENCES: A.R. 10050,13458,14824
M.I. 094E 087-GRAVES

GRAVY

MINING DIV: OMINECA ASSESSMENT REPORT 14436 INFO CLASS 3
LOCATION: LAT. 57 22.5 LONG. 126 56.5 NTS: 94E/ 7W
CLAIMS: GRAVY II, GRAVY IV
OPERATOR: HEMLO EX.
AUTHOR: FLOYD, A. HELGASON, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY EARLY JURASSIC TOODOGGONE VOLCANICS CONSISTING OF PORPHYRITIC ANDESITE AND BRECCIA LOCALLY INTRUDED BY QUARTZ DIORITE AND FELDSPAR PORPHYRITIC DYKES. PYRITIC GOSSAN ZONES OCCUR NEAR THE INTRUSIVE MARGINS WITH SOME SILICIFICATION AND CALCITE/BARITE VEINING. AN ANOMALOUS GOLD, SILVER AND BARIUM SOIL ZONE WAS OUTLINED.
WORK DONE: SOIL 388;MULTIELEMENT
ROCK 45;AU
REFERENCES: A.R. 11217,14436

JEREMY, LEE

MINING DIV: OMINECA ASSESSMENT REPORT 15269 INFO CLASS 3
LOCATION: LAT. 57 20.0 LONG. 126 54.0 NTS: 94E/ 7W
CLAIMS: ERIN, LEE, BROOKE, DANIEL, JEREMY, ELOISE
OPERATOR: TOODOGGONE SYND.
AUTHOR: PEZZOT, E.
DESCRIPTION: ELOISE, JEREMY, DANIEL CLAIMS ARE UNDERLAIN BY MIDDLE JURASSIC TOODOGGONE VOLCANICS (UNDIVIDED). BROOKE CLAIM IS UNDERLAIN BY A NORTHWESTERLY TRENDING LATE JURASSIC INTRUSIVE. LEE AND ERIN CLAIMS ARE UNDERLAIN BY A LAWYERS-METSANTAN

QUARTZOSE ANDESITE UNIT (A SUBDIVISION OF TOODOGGONE VOLCANICS). THE ROCKS ARE CUT BY AN EXTENSIVE NETWORK OF NORTHWESTERLY TRENDING FAULTS. THE PROPERTY COVERS TWO EPITHERMAL BASE METAL-PRECIOUS METAL OCCURRENCES.

WORK DONE: MAGA 260.0 KM

REFERENCES: A.R. 15269

JK

MINING DIV: OMINECA ASSESSMENT REPORT 14488 INFO CLASS 4

LOCATION: LAT. 57 17.0 LONG. 126 57.0 NTS: 94E/ 7W

CLAIMS: JK 1-5

OPERATOR: GOLDEN RULE RES.

AUTHOR: DAVIS, J.

DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MIDDLE JURASSIC TOODOGGONE VOLCANICS CONSISTING OF ANDESITE FLOWS AND TUFFS INTRUDED BY QUARTZ DIORITE. GEOCHEMICALLY ENHANCED GOLD AND SILVER VALUES OCCUR IN SILT AND ROCK SAMPLES.

WORK DONE: SILT 56;AU,AG
ROCK 38;AU,AG
PROS 1:10000

REFERENCES: A.R. 14488

KNIGHT, KEVIN, CASTLE, BISHOP

MINING DIV: OMINECA ASSESSMENT REPORT 14909 INFO CLASS 3

LOCATION: LAT. 57 22.0 LONG. 126 51.0 NTS: 94E/ 7W

CLAIMS: KNIGHT, KEVIN, CASTLE, BISHOP

OPERATOR: PERALTO RES.

AUTHOR: PEZZOT, E.

DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY WELDED INTERMEDIATE ASHFLOWS OF THE LOWER TO MIDDLE JURASSIC HAZELTON GROUP. THREE MAJOR LINEATIONS ARE EXPRESSED BY MAGNETIC LOWS.

WORK DONE: MAGA 180.0 KM
EMAB 180.0 KM;VLF

REFERENCES: A.R. 14909

THEBAN

MINING DIV: OMINECA ASSESSMENT REPORT 15264 INFO CLASS 3
LOCATION: LAT. 57 19.3 LONG. 126 57.7 NTS: 94E/ 7W
CLAIMS: OTTO, PAUL, IAN, ADRIAN, ARGUS, ARGUS 2
OPERATOR: RHYOLITE RES.
AUTHOR: ASHTON, A. FLOYD, A.
COMMODITIES: COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY FELDSPAR PORPHYRITIC FLOWS, CRYSTAL LAPILLI TUFFS, BRECCIAS, CONGLOMERATE, MUDSTONE AND GREYWACKE OF THE LOWER TRIASSIC HAZELTON GROUP AND TOODOGGONE VOLCANICS WHICH ARE INTRUDED BY MONZONITES AND SYENITE. MAJOR FAULTS TREND NORTHEAST AND NORTHWEST. NUMEROUS GOSSANS OCCUR ON THE CLAIMS WITH EXTENSIVE ALTERATION IN SURROUNDING ROCKS. BANDED GREY AND AMETHYST QUARTZ VEINS AND ADJACENT FRACTURES CONTAIN MALACHITE AND ANOMALOUS VALUES OF GOLD.
WORK DONE: GEOL 1:5000
SOIL 701;MULTIELEMENT
ROCK 67;MULTIELEMENT
HMIN 4;AU,AG
LINE 25.0 KM
TREN 39.0 M;5 TRENCHES
REFERENCES: A.R. 2082,3368,3987,9001,10294,15264
M.I. 094E 029-THEBAN

CAT, MID, BELL

MINING DIV: OMINECA ASSESSMENT REPORT 14899 INFO CLASS 3
LOCATION: LAT. 57 33.0 LONG. 127 9.0 NTS: 94E/11E
CLAIMS: CAT 1-4, MID 1-3, BELL 1-3
OPERATOR: COVE ENERGY
AUTHOR: CROOKER, G.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY UPPER TRIASSIC TAKLA GROUP VOLCANIC ROCKS AND LOWER TO MIDDLE JURASSIC TOODOGGONE VOLCANIC ROCKS. THE VOLCANICS ARE INTRUDED BY LOWER TO MIDDLE JURASSIC OMINECA PLUTONIC ROCKS. THE GEOPHYSICAL SURVEY INDICATED EIGHT WEAKLY CONDUCTIVE VLF ELECTROMAGNETIC RESPONSES AND TWO MAGNETIC ANOMALIES.
WORK DONE: EMAB 300.0 KM;VLF
MAGA 300.0 KM
REFERENCES: A.R. 14899

LAKE

MINING DIV: LIARD ASSESSMENT REPORT 14935 INFO CLASS 3
LOCATION: LAT. 57 31.9 LONG. 127 3.5 NTS: 94E/11E
CLAIMS: LAKE II, LAKE IV
OPERATOR: TOODOGGONE SYNDICATE
AUTHOR: BELL, M.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTHWEST STRIKING UPPER TRIASSIC TAKLA GROUP VOLCANICS AND SEDIMENTS WHICH ARE IN FAULT CONTACT WITH LOWER JURASSIC HAZELTON GROUP VOLCANICS. A BIOTITE GRANODIORITE STOCK INTRUDES THE VOLCANICS AND SEDIMENTS CAUSING LOCAL SKARN MINERALIZATION IN LIMEY TAKLA GROUP SEDIMENTS.
WORK DONE: SOIL 170;ZN,AG
SILT 8;ZN,AG
ROCK 6;ZN,AG
REFERENCES: A.R. 14935

LAKE

MINING DIV: LIARD ASSESSMENT REPORT 15068 INFO CLASS 3
LOCATION: LAT. 57 31.5 LONG. 127 3.5 NTS: 94E/11E
CLAIMS: LAKE II, LAKE IV
OPERATOR: TOODOGGONE SYNDICATE
AUTHOR: BELL, M.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY NORTHWEST STRIKING UPPER TRIASSIC TAKLA GROUP VOLCANICS AND SEDIMENTS WHICH ARE IN FAULT CONTACT WITH YOUNGER JURASSIC HAZELTON GROUP VOLCANICS. A BIOTITE GRANODIORITE STOCK (JURASSIC?) INTRUDES THE VOLCANICS AND SEDIMENTS CAUSING LOCAL SKARN MINERALIZATION IN LIMEY TAKLA GROUP SEDIMENTS. ISOLATED HIGHLY ANOMALOUS ZINC AND SILVER VALUES OCCUR IN ROCK CHIPS.
WORK DONE: SOIL 188;ZN,AG
SILT 8;ZN,AG
ROCK 29;ZN,AG
REFERENCES: A.R. 14935,15068

CALI, GACHO

MINING DIV: LIARD ASSESSMENT REPORT 15069 INFO CLASS 3
LOCATION: LAT. 57 35.0 LONG. 127 22.0 NTS: 94E/11W
CLAIMS: DALL, CALI, YETI, SUET, GACHO
OPERATOR: TOODOGGONE SYNDICATE
AUTHOR: BELL, M.

DESCRIPTION: LOCAL VOLCANIC OUTCROPS ARE BELIEVED TO BE PART OF THE JURASSIC AGE TOODOGGONE VOLCANICS. SEVERAL MULTIELEMENT ANOMALIES OCCUR IN SOIL AND ROCK CHIPS.
WORK DONE: SOIL 303;MULTIELEMENT
ROCK 3;MULTIELEMENT
REFERENCES: A.R. 15069

RANGER

MINING DIV: LIARD ASSESSMENT REPORT 15081 INFO CLASS 2
LOCATION: LAT. 57 33.0 LONG. 127 25.0 NTS: 94E/11W
CLAIMS: RANGER 2-3
OPERATOR: CUSAC INDUSTRIES
AUTHOR: DONNELLY, T.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PORPHYRITIC ANDESITES AND ANDESITE TUFFS OF THE (JURASSIC) TOODOGGONE VOLCANICS. THE GEOPHYSICAL AND GEOCHEMICAL RESULTS INDICATE A SIGNIFICANT MINERALIZED ZONE TRENDING NORTHWESTERLY DISPLACED ABOUT 200 METRES BY A FAULT.
WORK DONE: MAGG 40.5 KM
EMGR 38.5 KM;VLF
SOIL 756;AU,AG,CU,PB,ZN
SILT 9;AU,AG,CU,PB,ZN
PROS 1:5000
LINE 40.5 KM
REFERENCES: A.R. 15081

WOLF

MINING DIV: OMINECA ASSESSMENT REPORT 14475 INFO CLASS 2
LOCATION: LAT. 57 31.5 LONG. 127 17.0 NTS: 94E/11W
CLAIMS: WOLF III
OPERATOR: SKEENA RES.
AUTHOR: FLOYD, A. HELGASON, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A DISTINCT PACKAGE OF JURASSIC SUBAERIAL VOLCANICS COLLECTIVELY CALLED THE TOODOGGONE VOLCANICS. REGIONAL FAULT SYSTEMS TREND NORTHWESTERLY THROUGHOUT THE AREA. GEOCHEMICAL RESULTS WERE LOW.
WORK DONE: SOIL 967;MULTIELEMENT
REFERENCES: A.R. 14475

WOLF

MINING DIV: OMINECA ASSESSMENT REPORT 14476 INFO CLASS 3
LOCATION: LAT. 57 31.5 LONG. 127 19.0 NTS: 94E/11W
CLAIMS: WOLF II
OPERATOR: TEXPEZ OIL & GAS
AUTHOR: FLOYD, A. HELGASON, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A DISTINCT PACKAGE OF JURASSIC SUBAERIAL VOLCANICS COLLECTIVELY CALLED THE TOODOGGONE VOLCANICS. REGIONAL FAULT SYSTEMS TREND NORTHWESTERLY THROUGHOUT THE AREA. LOW TO MODERATE MULTIELEMENT SOIL VALUES OCCUR.
WORK DONE: SOIL 693;MULTIELEMENT
REFERENCES: A.R. 14476

STIK

MINING DIV: LIARD ASSESSMENT REPORT 14465 INFO CLASS 3
LOCATION: LAT. 57 35.5 LONG. 127 32.5 NTS: 94E/12E
CLAIMS: STIK 1-4
OPERATOR: DELAWARE RES.
AUTHOR: NETOLITZKY, R.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY INTERMEDIATE TO FELSIC LOWER TO MIDDLE JURASSIC TOODOGGONE VOLCANICS, SEDIMENTS OF THE UPPER CRETACEOUS TANGO CREEK FORMATION (SUSTUT GROUP), AND A SMALL PLUG OF MIDDLE JURASSIC GABBRO. A NUMBER OF FRACTURE/ SHEAR ZONES ARE CHARACTERIZED BY STRONG CLAY AND RED HEMATITIC ALTERATION AND RARELY SILICA/CLAY ALTERATION. WEAK QUARTZ VEINING WITHIN THESE ZONES OCCASIONALLY CARRIES GEOCHEMICALLY ANOMALOUS VALUES IN GOLD AND SILVER.
WORK DONE: GEOL 1:10000
SOIL 6;AU,AG
SILT 134;AU,AG
ROCK 26;AU,AG
REFERENCES: A.R. 14465

GNOME

MINING DIV: OMINECA ASSESSMENT REPORT 14610 INFO CLASS 3
LOCATION: LAT. 57 14.3 LONG. 124 33.5 NTS: 94F/ 2E 94F/ 7E
CLAIMS: GNOME 2-3, GNOME 5-6, GNOME 8-12
OPERATOR: COMINCO
AUTHOR: RHODES, D.
COMMODITIES: BARIUM
DESCRIPTION: STRATIGRAPHY ON THE PROPERTY RANGES IN AGE FROM CAMBRIAN TO DEVONIAN. THE DOMINANT UNIT ON THE PROPERTY IS THE DEVONIAN EARN FORMATION, EXPOSED IN A BROAD ANTICLINORIUM COMPLICATED BY NORMAL AND THRUST FAULTING. NO MINERALIZATION IS KNOWN ON THE PROPERTY APART FROM SEVERAL OCCURRENCES OF BEDDED BLEBBY BARITE DEVOID OF BASE METALS.
WORK DONE: SOIL 154;PB,ZN,BA
ROCK 334;PB,ZN,BA,HG
REFERENCES: A.R. 8334,9722,14610
M.I. 094F 016-GNOME

DEL

MINING DIV: OMINECA ASSESSMENT REPORT 14177 INFO CLASS 3
LOCATION: LAT. 57 21.2 LONG. 125 0.0 NTS: 94F/ 7W
CLAIMS: DEL 4, DEL 6, DEL 9
OPERATOR: COMINCO
AUTHOR: RHODES, D.
COMMODITIES: BARITE
DESCRIPTION: STRATIGRAPHIC UNITS ON THE PROPERTY RANGE IN AGE FROM CAMBRIAN TO DEVONIAN. TWO OCCURRENCES OF BARITIC MUDSTONE AND/OR BEDDED BARITE (THE MAIN AND WEST ZONES) OCCUR ON THE PROPERTY. GEOCHEMICALLY ANOMALOUS LEAD/ZINC VALUES ARE ASSOCIATED WITH THE MAIN ZONE. THE MAIN ZONE IS HOSTED WITHIN A MUDSTONE IN THE SILURIAN SILTSTONE UNIT. THE WEST ZONE IS POSSIBLY HOSTED BY DEVONIAN EARN GROUP MUDSTONES. THE STRATA ARE FOLDED IN STEEP OPEN FOLDS WITH SEVERAL THRUST FAULTS PRESENT.
WORK DONE: ROCK 278;PB,ZN,BA,HG
REFERENCES: A.R. 9672,11557,14177
M.I. 094F 018-DEL

WARE 94F

KWAD

MINING DIV: OMINECA ASSESSMENT REPORT 14408 INFO CLASS 3
LOCATION: LAT. 57 38.4 LONG. 125 18.1 NTS: 94F/11E 94F/11W
CLAIMS: KWAD 4, KWAD 6-8
OPERATOR: COMINCO
AUTHOR: RHODES, D.
DESCRIPTION: TWO THRUST PANELS EXPOSE ORDOVICIAN-SILURIAN AGE ROAD RIVER GROUP SHALES AND SILTSTONES AND DEVONIAN LOWER EARN GROUP SILICEOUS MUDSTONES. THE STRATA DIP STEEPLY SOUTH-WESTWARD REPEATED BY THRUST FAULTS. NO MINERALIZATION IS KNOWN ON THE PROPERTY APART FROM COMMON OCCURRENCES OF SPOTTY BARITE. NO SIGNIFICANT BASE METALS OCCUR IN LOWER EARN GROUP "GUNSTEEL" SHALES. THE HIGH BARIUM VALUES AND SOMEWHAT ELEVATED LEAD AND MERCURY VALUES IN EARN GROUP ROCKS SUGGEST THAT A POTENTIAL EXISTS FOR HOSTING BARITE-LEAD-ZINC DEPOSITS.
WORK DONE: ROCK 257;PB,ZN,BA,HG
REFERENCES: A.R. 8449,8846,9727,14408

TUCHODI LAKES 94K

REGIONAL RECONNAISS.

MINING DIV: LIARD ASSESSMENT REPORT 15090 INFO CLASS 3
LOCATION: LAT. 58 22.0 LONG. 125 15.0 NTS: 94K/ 6E
CLAIMS: REGIONAL, RECONNAISSANCE
OPERATOR: COPPEX SYND.
AUTHOR: HALFERDAHL, L.
COMMODITIES: BASE METALS
DESCRIPTION: THICK DEPOSITS OF HELIKIAN OF COMPLEXITY FAULTED SEDIMENTARY ROCKS INCLUDING ARGILLITES, DOLOMITES, AND LIMESTONES CONTAIN STEEPLY DIPPING VEINS AND BRECCIA ZONES, SOME WITH HIGH-GRADE CHALCOPYRITE. LEAD-ZINC DEPOSITS HAVE BEEN EXPLORED IN SOME OF THE OVERLYING PALEOZOIC SEDIMENTARY ROCKS.
WORK DONE: GEOL 1:125000
SOIL 150;CU,CO,PB,ZN
REFERENCES: A.R. 15090
GSC MEM. 373
GSC MAP 1343A

SAINT

MINING DIV: LIARD ASSESSMENT REPORT 14904 INFO CLASS 3
LOCATION: LAT. 58 7.3 LONG. 125 59.5 NTS: 94L/ 1E 94K/ 4W
CLAIMS: SAINT 3, FLACO
OPERATOR: GATAGA JOINT VENTURE
AUTHOR: INSLEY, M. MCCLAY, K.
DESCRIPTION: THREE THIN NODULAR BARITE HORIZONS OCCUR IN A STRUCTURALLY COMPLEX SEQUENCE OF UPPER DEVONIAN EARN GROUP BLACK SHALES AND FINE-GRAINED CLASTIC ROCKS.
WORK DONE: GEOL 1:5000
REFERENCES: A.R. 9396,10508,11189,14904

RAR

MINING DIV: LIARD ASSESSMENT REPORT 15220 INFO CLASS 3
LOCATION: LAT. 58 40.6 LONG. 127 25.5 NTS: 94L/11W 94L/12E
CLAIMS: RAR 1-5
OPERATOR: GOLDEN RULE RES.
AUTHOR: FOX, M.

DESCRIPTION: CONFIDENTIAL STATUS

(Will be published in Exploration in British Columbia 1987.)

LILY, THUNDER, MEAL TICKET, MAPLE LEAF, ROSE

MINING DIV: SKEENA ASSESSMENT REPORT 14818 INFO CLASS 2
LOCATION: LAT. 52 17.0 LONG. 131 10.0 NTS: 103B/ 6E
CLAIMS: IKEDA 1-8, BERT 1-5, ELVA 1-4, ASH 1, COLLI 1-2
OPERATOR: FALCONBRIDGE
AUTHOR: CLARKE, G. PRICE, G.
COMMODITIES: GOLD, SILVER, COPPER, IRON
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY TRIASSIC KARMUTSEN FORMATION ROCKS OF THE VANCOUVER GROUP. THE ROCKS CONSIST OF THOLEIITIC BASALTS WITH INTERBEDDED CALCAREOUS SEDIMENTS AND MARBLE OF THE KUNGA FORMATION WHICH ARE INTRUDED BY DIORITE SILLS. APPROXIMATELY SIXTEEN SKARN PODS CONSISTING OF MAGNETITE, PYRITE, PYRRHOTITE AND CHALCOPYRITE ARE SPORADICALLY DISTRIBUTED, STRUCTURALLY CONTROLLED, SMALL (20 METRES BY 20 METRES X 20 METRES) AND CONTAIN VARIABLE GOLD VALUES.
WORK DONE: GEOL 1:5000,1:2000,1:1000
SOIL 165;MULTIELEMENT
ROCK 205;MULTIELEMENT
DIAD 587.3 M;26 HOLES,IAX
SAMP 399;MULTIELEMENT
REFERENCES: A.R. 193,194,195,4668,14189,14818
M.I. 103B 028-LILY;103B 029-THUNDER;103B 040-MEAL TICKET;103B 041-MAPLE LEAF;103B 042-ROSE;103B 043-LOTUS;103B 044-WIRELESS;103B 045-OCEANIC;103B 047-CARNATION;103B 067-WATER LILY;103B 069-CARNATION CREEK;103B 070-COLLISON BAY

CRESCENT

MINING DIV: SKEENA ASSESSMENT REPORT 14503 INFO CLASS 3
LOCATION: LAT. 52 45.0 LONG. 131 53.0 NTS: 103B/12W 103B/13W
CLAIMS: CRESCENT ONE, CRESCENT TWO, CRESCENT THREE
CRESCENT FIVE
OPERATOR: GOLDENLODE RES.
AUTHOR: PAUTLER, J. STEPHEN, J.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY AN EOCENE GABBROIC INTRUSION WHICH HAS METAMORPHOSED JURASSIC YAKOUN FORMATION ANDESITES AND JURASSIC-TRIASSIC KUNGA FORMATION ARGILLITES. QUARTZ VEINS CARRYING GOLD VALUES OCCUR IN FRACTURES AND SHEAR ZONES AND ARE ALSO ASSOCIATED WITH FELSIC DYKES

PERIPHERAL TO THE MAIN GABBRO INTRUSION.

WORK DONE: GEOL 1:5000
MAGG 13.2 KM
EMGR 13.6 KM;VLF
IPOL 7.0 KM
SOIL 60;AU,AS
ROCK 156;MULTIELEMENT
LINE 15.0 KM

REFERENCES: A.R. 8092,8252,9102,14503
M.I. 103B 062-CRESCENT

GRAHAM ISLAND 103F

COURTE, STIB, NEEDLES, GUMBO, POINT

MINING DIV: SKEENA ASSESSMENT REPORT 15325 INFO CLASS 2
LOCATION: LAT. 53 22.0 LONG. 132 24.8 NTS: 103F/ 7E 103F/ 8W
CLAIMS: STIB, SOL 1-4, ANT, HEMLOCK 1-2, SHIELDS, POINT 1 SHAFT 2, RILEY 1-2, SHIELD 4
OPERATOR: NORANDA EX.
AUTHOR: WILSON, R. BRITTON, J.
COMMODITIES: ANTIMONY, GOLD, SILVER, LEAD, ZINC
DESCRIPTION: THE CLAIMS COVER A NORTHWEST TRENDING, STEEPLY DIPPING ALTERATION ZONE WITHIN JURASSIC YAKOUN FORMATION VOLCANICLASTICS. FELDSPAR PORPHYRY DYKES SEEN WITHIN THE YAKOUN FORMATION MAY BE TERTIARY MASSET FORMATION ROCKS. ROCK ALTERATION IS PRINCIPALLY CLAY-SERICITE-LIMONITE WITH MINOR QUARTZ VEINING. MINERALIZATION, WHICH IS GENERALLY ASSOCIATED WITH QUARTZ VEINING AND/OR CLAY ALTERATION IS GOLD, STIBNITE, ARSENOPYRITE AND PYRITE. THE ALTERATION AND MINERALIZATION IS THOUGHT TO BE AN EPITHERMAL SYSTEM RELATED TO THE FELDSPAR PORPHYRY DYKES. GEOCHEMICAL AND GEOPHYSICAL SURVEYS RETURNED ANOMALOUS RESULTS.

WORK DONE: GEOL 1:2500
MAGG 17.5 KM
IPOL 2.7 KM
SOIL 1202;MULTIELEMENT
ROCK 128;MULTIELEMENT
LINE 24.6 KM
ROAD 0.2 KM

REFERENCES: A.R. 6726,6968,7265,7440,8225,9698,10144,11533, 15325

M.I. 103F 001-GUMBO;103F 002-POINT;103F 003-COURTE;103F 006-NORTHWESTER;103F 009-GUDAL

KONA

MINING DIV: SKEENA ASSESSMENT REPORT 14900 INFO CLASS 4
LOCATION: LAT. 53 24.8 LONG. 132 10.0 NTS: 103F/ 8E
CLAIMS: KONA 1
OPERATOR: BRENTWOOD RES.
AUTHOR: ARNOLD, R.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY FLAT LYING SEDIMENTS AND VOLCANICS OF THE JURASSIC YAKOUN FORMATION. GEOCHEMICAL SURVEY RESULTS ARE LOW.
WORK DONE: FOTO 1:20000
SOIL 12;MULTIELEMENT
REFERENCES: A.R. 14900

BRE

MINING DIV: SKEENA ASSESSMENT REPORT 14379 INFO CLASS 4
LOCATION: LAT. 53 30.5 LONG. 132 12.0 NTS: 103F/ 9E
CLAIMS: BRE 11, BRE 15-18, BRE 21-22, BRE 25-26, BRE 29-32
OPERATOR: MUTUAL RES.
AUTHOR: HUNTER, A. ENGLUND, R.
DESCRIPTION: NO BEDROCK OUTCROPS ARE KNOWN TO OCCUR WITHIN THE CLAIM AREA AND THE RESISTIVITY SURVEY SUGGESTS THAT DEPTH TO BEDROCK IN THE WESTERN CLAIM AREA IS 30 METRES WHILE IN THE EASTERN CLAIM AREA IT IS AROUND 130 METRES. THE RESISTIVITY DATA INFER THAT THE WESTERN CLAIMS ARE UNDERLAIN BY RHYOLITE ASH FLOWS OF THE MASSET FORMATION (EARLY TERTIARY) AND ARGILLITES OF THE CRETACEOUS QUEEN CHARLOTTE GROUP WHILE THE EASTERN PART IS UNDERLAIN BY CONGLOMERATES OR SANDSTONE OF THE SKONUN FORMATION (LATE TERTIARY). THE TWO AREAS ARE BELIEVED TO BE SEPARATED BY A SOUTHWARD EXTENSION OF THE SPECOGNA FAULT.
WORK DONE: REST 5.5 KM
REFERENCES: A.R. 14379

GRAHAM ISLAND 103F

LARK

MINING DIV: SKEENA ASSESSMENT REPORT 14653 INFO CLASS 4
LOCATION: LAT. 53 32.6 LONG. 132 19.0 NTS: 103F/ 9W
CLAIMS: LARK 1
OPERATOR: GOLDSMITH, L.
AUTHOR: KALLOCK, P. GOLDSMITH, L.
DESCRIPTION: PALEOCENE-EOCENE BASALT, BASALT BRECCIA, AND RHYOLITE FLOWS OF THE MASSET FORMATION UNDERLIE THE CLAIM. AIRBORNE GEOPHYSICS HAS SUGGESTED SEVERAL DIRECTIONS OF FAULTING. NO ANOMALOUS GOLD OR ARSENIC SOIL VALUES WERE FOUND.
WORK DONE: SOIL 49;AU,AS
LINE 2.7 KM
REFERENCES: A.R. 8843,9512,11481,11674,14653

HECATE STRAIT 103G

BAXTER CREEK

MINING DIV: SKEENA ASSESSMENT REPORT 14695 INFO CLASS 3
LOCATION: LAT. 53 12.1 LONG. 131 47.3 NTS: 103G/ 4W
CLAIMS: SNOW 1-2
OPERATOR: LORNEX MIN.
AUTHOR: SERACK, M.
COMMODITIES: GOLD, SILVER
DESCRIPTION: YAKOUN VOLCANIC ROCKS, MAINLY ANDESITES AND TUFFS ARE HYDROTHERMALLY AND TECTONICALLY ALTERED NEAR THE EAST COAST OF MORESBY ISLAND. THE SANDSPIT FAULT IS PROBABLY THE MAIN SOURCE OF THE ALTERATION THAT INCLUDES ARSENOPYRITE, PYRRHOTITE AND PYRITE IN SHEARED AND SILICIFIED VOLCANICS.
WORK DONE: DIAD 379.9 M;8 HOLES,NQ
SAMP 107;AG,AU
REFERENCES: A.R. 7684,7805,7890,8958,10140,12369,13535,14695
M.I. 103G 005-BAXTER CREEK

DENNIS

MINING DIV: SKEENA ASSESSMENT REPORT 14819 INFO CLASS 3
LOCATION: LAT. 53 27.5 LONG. 130 15.6 NTS: 103G/ 8E 103G/ 8W
CLAIMS: DENNIS 3-4, DENNIS 7-8
OPERATOR: PIRATES GOLD
AUTHOR: KURAN, V.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY A NARROW BELT OF CALCAREOUS METASEDIMENTS IN CONTACT WITH INTRUSIVES ALONG A MAJOR NORTHWESTERLY LINEAMENT. A SERIES OF RUSTY MARBLE OUTCROPS MINERALIZED BY PYRITE OR PYRITE-MOLYBDENITE OCCUR ALONG THIS LINEAMENT. SOIL SURVEY RESULTS ARE LOW.
WORK DONE: SOIL 170;AG,AU
SILT 9;AG,AU
ROCK 44;AG,AU
REFERENCES: A.R. 13687,14819

ISLA

MINING DIV: SKEENA ASSESSMENT REPORT 14706 INFO CLASS 4
LOCATION: LAT. 53 24.0 LONG. 130 6.0 NTS: 103G/ 8E
CLAIMS: ISLA 1-3
OPERATOR: GOLDEN EYE MIN.
AUTHOR: PRICE, B.
COMMODITIES: GOLD
DESCRIPTION: PYRITIC QUARTZ VEIN STOCKWORK OCCURS IN GRANITE. THE GENERAL TREND IS NORTHERLY. THREE TYPES OF QUARTZ ARE PRESENT: SMOKY QUARTZ, BULL QUARTZ AND SACCHAROIDAL QUARTZ.
WORK DONE: SOIL 10;AU,AG
SILT 4;AU,AG
ROCK 18;AU,AG
PROS 1:5000
REFERENCES: A.R. 14706

SURF INLET

MINING DIV: SKEENA ASSESSMENT REPORT 15369 INFO CLASS 4
LOCATION: LAT. 53 5.3 LONG. 128 53.1 NTS: 103H/ 2W
CLAIMS: SURF 1-2, LAKE FR., DLS
OPERATOR: TRM ENG.
AUTHOR: SHEARER, J. HAWTHORN, G.
COMMODITIES: GOLD, COPPER, SILVER
DESCRIPTION: GOLD MINERALIZATION IS LOCALIZED ALONG AN EXTENSIVE COMPLEX, NORTHERLY TRENDING SHEAR ZONE THAT CUTS UPPER CRETACEOUS COAST PLUTONIC COMPLEX GNEISS AND DIORITE. GOLD OCCURS IN A HOMOGENEOUSLY DISPERSED SUBMICROSCOPIC FORM IN PYRITE WITHIN QUARTZ ANKERITE-SERICITE-SULPHIDE VEINS. SIGNIFICANT AMOUNTS OF GOLD ARE PRESENT IN MINE DUMPS AND MILL TAILINGS ON THE PROPERTY. THE GOLD IS EXTRACTIBLE USING FLOTATION CONCENTRATION.
WORK DONE: SAMP 22;AU,AG
PETR 5 THIN SECTIONS
META 3
REFERENCES: A.R. 5393,15369
M.I. 103H 027-SURF INLET

SURF INLET, INDEPENDENCE, DIABASE, BONANZA, SUMMIT

MINING DIV: SKEENA ASSESSMENT REPORT 15377 INFO CLASS 3
LOCATION: LAT. 53 5.3 LONG. 128 53.1 NTS: 103H/ 2W
CLAIMS: COUGAR 1, HOMESTAKE, PRINCESS ROYAL, DLS, LAKE FR. GULCH, BLUFF, CASSIE, SUMMIT, BONANZA, ANACONDA, SEAGULL SADIE, EXCELSIOR, INDEPENDENCE FR
OPERATOR: TRM ENG.
AUTHOR: HARRIS, J. GARDINER, S.
COMMODITIES: GOLD, COPPER, SILVER
DESCRIPTION: GOLD MINERALIZATION IS LOCALIZED ALONG AN EXTENSIVE NORTHERLY TRENDING SHEAR ZONE IN UPPER CRETACEOUS COAST PLUTONIC COMPLEX DIORITE AND GNEISS. THE MINERALIZATION HAS BEEN DATED AT ABOUT 80 MY. THE STUDY REPORTED HERE INDICATES THAT HIGHER VALUES OF MOLYBDENUM AND LEAD MAY ACCOMPANY GOLD MINERALIZATION IN THE SURF INLET MINE AND ENRICHMENT IN MERCURY AND LEAD IS PRESENT IN BUGSLEY MINE ORE ZONES.
WORK DONE: SAMP 171;MULTIELEMENT
PETR 7 THIN SECTIONS
MNGR 1 K-AR DATE

REFERENCES: A.R. 5393,9904,15369,15377
M.I. 103H 027-SURF INLET;103H 045-INDEPENDENCE; 103H 046-DIABASE;103H 047-BONANZA;103H 048-SUMMIT;103H 049-CASSIE

KEECHA CR., BUSHY CR.

MINING DIV: SKEENA ASSESSMENT REPORT 15301 INFO CLASS 3
LOCATION: LAT. 53 18.0 LONG. 129 58.5 NTS: 103H/ 5W
CLAIMS: KEECH
OPERATOR: GOLD VENTURES
AUTHOR: SERAPHIM, R.
COMMODITIES: GOLD, SILVER, ZINC
DESCRIPTION: THE CLAIM IS UNDERLAIN BY PENDANTS OF METAMORPHOSED MARBLE AND SILTSTONE WITHIN COAST PLUTONIC COMPLEX HORNBLENDE DIORITE AND BIOTITE QUARTZ MONZONITE. QUARTZ VEINS UP TO ONE METRE WIDE CONTAIN GOLD VALUES WITH SPHALERITE MINERALIZATION AND STRIKE NORTHERLY TO NORTHWESTERLY. SOIL GEOCHEMISTRY RETURNED ANOMALOUS GOLD VALUES.
WORK DONE: SOIL 155;MULTIELEMENT
REFERENCES: A.R. 656,657,4493,15301
M.I. 103H 010-KEECH CR.;103H 042-BUSHY CR.

MARIPOSITE

MINING DIV: SKEENA ASSESSMENT REPORT 15328 INFO CLASS 3
LOCATION: LAT. 53 50.3 LONG. 129 30.0 NTS: 103H/13E 103H/14W
CLAIMS: MARIPOSITE 1-2
OPERATOR: FALCONBRIDGE
AUTHOR: HASSARD, F.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY METAVOLCANICS AND METASEDIMENTS OF THE ECSTALL PENDANT, WITHIN PLUTONS OF THE COAST CRYSTALLINE COMPLEX AND ARE OF POSSIBLE EARLY PALEOZOIC TO EARLY MESOZOIC AGE. METAMORPHIC GRADE IS GREENSCHIST TO AMPHIBOLITE FACIES. DISSEMINATED PYRITE OCCURS IN FELSIC TUFFS WHICH ARE ALONG STRIKE WITH THE "MINE SERIES" HOSTING THE ECSTALL MASSIVE SULPHIDE DEPOSIT, SOME TWO KILOMETRES NORTH. FOLIATION AND BEDDING STRIKE NORTHERLY; DIPS ARE STEEPLY EAST. GEOPHYSICAL SURVEYS DETECTED SEVERAL STRONG HLEM CONDUCTORS AND MAGNETIC FEATURES.
WORK DONE: MAGG 17.8 KM
EMGR 17.8 KM;HLEM,VLF
EMAB 22.0 KM;HLEM

TOPO 1:5000
LINE 23.4 KM
REFERENCES: A.R. 15328

HORSEFLY

MINING DIV: SKEENA ASSESSMENT REPORT 14340 INFO CLASS 4
LOCATION: LAT. 53 46.0 LONG. 129 23.0 NTS: 103H/14W
CLAIMS: ECSTALL 8
OPERATOR: NORANDA EX.
AUTHOR: MAXWELL, G. MERCER, W.
COMMODITIES: IRON, COPPER, ZINC
DESCRIPTION: THE CLAIM IS UNDERLAIN BY A NORTH-SOUTH TRENDING SEQUENCE OF UPPER PALEOZOIC GNEISSES AND SCHISTS WHICH PROBABLY REPRESENT A HIGHLY METAMORPHOSED VOLCANIC SEDIMENTARY BELT. THE PROPERTY INCLUDES A MASSIVE SULPHIDE SHOWING WITH MINOR COPPER-ZINC VALUES.
WORK DONE: PETR 6
REFERENCES: A.R. 1804,14340
M.I. 103H 014-HORSEFLY

HORSEFLY

MINING DIV: SKEENA ASSESSMENT REPORT 15306 INFO CLASS 3
LOCATION: LAT. 53 46.0 LONG. 129 22.9 NTS: 103H/14W
CLAIMS: TALL 6, TALL 8, TALL 10-11, ECSTALL 8-10
OPERATOR: NORANDA EX.
AUTHOR: MAXWELL, G. BRADISH, L.
COMMODITIES: IRON, COPPER, ZINC, LEAD, SILVER, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER PALEOZOIC GNEISSES OF THE CENTRAL GNEISS COMPLEX. THE ROCKS IN THE AREA REPRESENT A HIGHLY METAMORPHOSED VOLCANIC/SEDIMENTARY BELT. MASSIVE PYRITE, SPHALERITE, CHALCOPYRITE AND PYRRHOTITE OCCUR IN WIDTHS UP TO 0.3 METRES, HOSTED BY CHLORITE AND SERICITE SCHISTS. GEOPHYSICAL SURVEY RESULTS HAVE IDENTIFIED SEVERAL HLEM CONDUCTORS ASSOCIATED WITH FELSIC AND INTERMEDIATE VOLCANICS.
WORK DONE: GEOL 1:50000
MAGG 26.1 KM
EMGR 24.9 KM;HLEM
ROCK 50;CU,ZN,PB,AG,AU
LINE 35.4 KM
REFERENCES: A.R. 214,216,1804,4509,5510,5607,14340,15014, 15306

M.I. 103H 014-HORSEFLY

PACKSACK

MINING DIV: SKEENA ASSESSMENT REPORT 15014 INFO CLASS 4
LOCATION: LAT. 53 47.2 LONG. 129 26.1 NTS: 103H/14W
CLAIMS: ECSTALL 16
OPERATOR: NORANDA EX.
AUTHOR: MAXWELL, G. MERCER, W.
COMMODITIES: ZINC, COPPER, SILVER, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY HIGHLY METAMORPHOSED FELSIC VOLCANICS OF THE UPPER PALEOZOIC CENTRAL GNEISS COMPLEX. MINERALIZATION CONSISTS OF MASSIVE PYRITE, CHALCOPYRITE AND SPHALERITE AND OCCURS IN A ZONE THAT STRIKES NORTH AND DIPS STEEPLY TO THE EAST. PETROGRAPHIC WORK SUGGESTS A VOLCANOGENIC MASSIVE SULPHIDE ORIGIN FOR MINERALIZATION.
WORK DONE: ROCK 7;CU,ZN,AU,AG
PETR 6 THIN SECTIONS
REFERENCES: A.R. 214,216,4509,5510,5607,15014
M.I. 103H 013-PACKSACK

TERRACE 103I

KITINAT RIVER

MINING DIV: SKEENA ASSESSMENT REPORT 15104 INFO CLASS 4
LOCATION: LAT. 54 8.0 LONG. 128 12.0 NTS: 103I/ 1E
CLAIMS: MAT 1-2
OPERATOR: ABO RES.
AUTHOR: MACQUARRIE, D.
COMMODITIES: COPPER, MOLYBDENUM
DESCRIPTION: QUARTZ MOLYBDENITE STOCKWORKS OCCUR IN A VARIETY OF INTRUSIVE ROCKS OF THE COAST PLUTONIC COMPLEX. NO ELECTROMAGNETIC CONDUCTORS WERE LOCATED THIS TIME.
WORK DONE: EMGR 2.8 KM;HL
REFERENCES: A.R. 775,818,819,1000,7928,12868,14011,15104
M.I. 103I 103-GOSSAN CREEK;103I 109-MANTLE CREEK

LA LIBERTAD, PTARMIGAN, ST. PAUL, A, EUREKA

MINING DIV: SKEENA ASSESSMENT REPORT 15115 INFO CLASS 2
LOCATION: LAT. 54 28.0 LONG. 128 25.0 NTS: 103I/ 8W
CLAIMS: THORN 1-6
OPERATOR: CASTELLO RES.
AUTHOR: DISPIRITO, F. PAWLIUK, D.
COMMODITIES: GOLD, SILVER, COPPER, LEAD, ZINC, MOLYBDENUM, BARITE
DESCRIPTION: COAST PLUTONIC GRANITIC ROCKS INTRUDE OLDER MESOZOIC AND PALEOZOIC SEDIMENTS AND VOLCANICS. THE GRANITES ARE, IN TURN, INTRUDED BY VARIOUS VOLCANIC DYKES. QUARTZ VEINS CONTAINING PYRITE, CHALCOPYRITE, GALENA, SPHALERITE, TETRAHEDRITE, SCHEELITE AND FREE GOLD OCCUR IN GRANITIC ROCKS, MAINLY ALONG FAULTS AND VOLCANIC DYKE MARGINS. FAULTS STRIKE IN VARIOUS DIRECTIONS AND DIP SUB-VERTICALLY. SILVER IS PRESENT IN TETRAHEDRITE (FREIBERGITE), GOLD IS ASSOCIATED WITH PYRITE.
WORK DONE: GEOL 1:5000,1:2500
MAGG 36.2 KM
EMGR 37.9 KM
MAGA 154.2 KM
EMAB 154.2 KM;VLF
SOIL 286;MULTIELEMENT
SILT 1;MULTIELEMENT
ROCK 80;MULTIELEMENT
MNGR 11
LINE 39.0 KM
REFERENCES: A.R. 13104,14560,15115
M.I. 103I 096-LA LIBERTAD;103I 097-PTARMIGAN;
103I 098-ST. PAUL;103I 099-A;1038 102-EUREKA;
103I 184-SOCIETY GIRL

ZONA MAY, REGINA

MINING DIV: OMINECA ASSESSMENT REPORT 15006 INFO CLASS 4
LOCATION: LAT. 54 39.3 LONG. 128 9.0 NTS: 103I/ 9E
CLAIMS: MAX, MAX 1
OPERATOR: BOYLE, M.
AUTHOR: ALLEN, D.
COMMODITIES: COPPER, SILVER, GOLD, IRON, LEAD, ZINC, TUNGSTEN
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LOWER JURASSIC HAZELTON GROUP VOLCANIC ROCKS WHICH ARE INTRUDED BY DIORITE AND QUARTZ DIORITE OF THE COAST PLUTONIC COMPLEX. GOLD AND SILVER VALUES OCCUR IN A PROMINENT QUARTZ VEIN WHICH RANGES IN WIDTH FROM 0.2 TO 3.0 METRES AND CAN BE TRACED FOR A DISTANCE OF AT LEAST 700 METRES.
WORK DONE: GEOL 1:5000

SOIL 5:MO,CU,AG,ZN,PB,AU
SILT 1;MO,CU,AG,ZN,PB,AU
ROCK 3;MO,CU,AG,ZN,PB,AU
REFERENCES: A.R. 9181,10125,15006
M.I. 103I 060-ZONA MAY;103I 144-REGINA

FOUR ACES

MINING DIV: OMINECA ASSESSMENT REPORT 15144 INFO CLASS 4
LOCATION: LAT. 54 38.8 LONG. 128 22.1 NTS: 103I/ 9W
CLAIMS: FOUR ACES, GOLCONDA, LAURIER, MCKINLY, GOLCONDA FR.
FRACTION FR.
OPERATOR: WARREN, L.
AUTHOR: SHAEDE, E.
COMMODITIES: COPPER, SILVER, GOLD, LEAD, ZINC
DESCRIPTION: VEINS AND SHEAR ZONES IN JURASSIC HAZELTON GROUP
ANDESITES CONTAIN QUARTZ, BORNITE, CHALCOPYRITE
AND MALACHITE AS DISSEMINATIONS AND MASSIVE PODS.
WORK DONE: SILT 1;MULTIELEMENT
ROCK 16;MULTIELEMENT
PROS 1:12000
REFERENCES: A.R. 2175,2176,15144
M.I. 103I 076-FOUR ACES

WARRIOR

MINING DIV: OMINECA ASSESSMENT REPORT 15337 INFO CLASS 4
LOCATION: LAT. 54 46.2 LONG. 128 23.4 NTS: 103I/ 9W 103I/16W
CLAIMS: PADDY MAC GOLD
OPERATOR: NEILL, R.
AUTHOR: NEILL, R.
COMMODITIES: COPPER, LEAD, ZINC, SILVER, GOLD
DESCRIPTION: A QUARTZ VEIN MINERALIZED WITH GALENA, SPHALERITE
AND PYRITE CUTS ALTERED SEDIMENTS.
WORK DONE: ROCK 27;AU,AG,CU,PB,ZN
PROS 1:2400,1:500
REFERENCES: A.R. 15337
M.I. 103I 154-WARRIOR

TERRACE 103I

BELWAY, REX, KALUM

MINING DIV: SKEENA ASSESSMENT REPORT 15285 INFO CLASS 4
LOCATION: LAT. 54 47.9 LONG. 128 45.5 NTS: 103I/15W
CLAIMS: KALUM 1, KEN 1-2
OPERATOR: LOUTITT, F.
AUTHOR: LAMBERT, E.
COMMODITIES: GOLD, COPPER, SILVER
DESCRIPTION: DRILLING INTERSECTED NORTH-DIPPING CHLORITE SCHIST MINERALIZED WITH MINOR AMOUNTS OF BORNITE, CHALCOPYRITE AND SECONDARY COPPER MINERALS IN QUARTZ STRINGERS.
WORK DONE: DIAD 42.0 M;2 HOLES,XRT
REFERENCES: A.R. 10450,11595,15285
M.I. 103I 118-KALUM

SATURN

MINING DIV: OMINECA ASSESSMENT REPORT 15031 INFO CLASS 4
LOCATION: LAT. 54 48.4 LONG. 128 23.2 NTS: 103I/16W
CLAIMS: SATURN
OPERATOR: LEBLOND, L.
AUTHOR: LEBLOND, L.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY LOWER JURASSIC HAZELTON GROUP SEDIMENTS INTRUDED BY GRANODIORITE. GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: EMGR 1.3 KM;VLF
REFERENCES: A.R. 12625,13956,14538,15031

PRINCE RUPERT 103J

BELL MTN.

MINING DIV: SKEENA ASSESSMENT REPORT 15225 INFO CLASS 4
LOCATION: LAT. 54 0.8 LONG. 130 35.1 NTS: 103J/ 2E
CLAIMS: BR 1-2
OPERATOR: IMPERIAL METALS
AUTHOR: CORVALAN, R.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY METASEDIMENTS WHICH ARE INTRUDED BY QUARTZ DIORITE. AURIFEROUS PYRITIC QUARTZ VEINS OCCUR IN THE INTRUSIVE ROCKS. THE GEOCHEMICAL SURVEY RETURNED ANOMALOUS GOLD VALUES

IN ROCK, SILTS AND SOILS.

WORK DONE: SOIL 34;MULTIELEMENT
SILT 17;MULTIELEMENT

REFERENCES: A.R. 5728,6195,7194,14602,15225
M.I. 103J 018-BELL MTN.

NASS RIVER 103O

BONUS

MINING DIV: SKEENA ASSESSMENT REPORT 15107 INFO CLASS 4
LOCATION: LAT. 55 44.6 LONG. 130 2.0 NTS: 103O/ 9E
CLAIMS: BONUS 2, BONUS 4
OPERATOR: LONETREE RES.
AUTHOR: KRUCHKOWSKI, E.
DESCRIPTION: UNUK RIVER ANDESITIC EPICLASTIC ROCKS ARE INTRUDED BY GRANODIORITE OF THE COAST RANGE BATHOLITH. CURRENT GEOCHEMICAL RESULTS DID NOT INDICATE ANY GOLD OR SILVER ANOMALIES ON THE BONUS 2 AND 4 CLAIMS. NEARBY, NORTHEAST TRENDING SHEAR ZONES CONTAIN QUARTZ VEINS WITH GALENA, SPHALERITE, CHALCOPYRITE, PYRITE AND PYRRHOTITE MINERALIZATION.
WORK DONE: SILT 14;AU,AG
ROCK 12;AU,AG
PROS 1:800
REFERENCES: A.R. 13350,13860,15107

NASS RIVER 103P

GRANBY POINT, ANYOX

MINING DIV: SKEENA ASSESSMENT REPORT 14484 INFO CLASS 4
LOCATION: LAT. 55 24.8 LONG. 129 47.5 NTS: 103P/ 5W
CLAIMS: QUARTZ 1-5
OPERATOR: POINT GRANBY MIN.
AUTHOR: BROWNLEE, D.
COMMODITIES: GOLD, SILVER, SILICA
DESCRIPTION: SILTSTONES, GREYWACKE, SANDSTONE, MINOR LIMESTONE,

ARGILLITE AND CONGLOMERATE OF THE SALMON RIVER FORMATION OF MIDDLE JURASSIC AGE ARE INTRUDED BY QUARTZ MONZONITES AND MINOR GRANITES OF THE COAST PLUTONIC COMPLEX. QUARTZ VEINS MINERALIZED WITH PYRITE, SPHALERITE, MINOR GALENA, PYRRHOTITE AND CHALCOPYRITE OCCUR ALONG FOLD LIMBS WITHIN ARGILLITES.

WORK DONE: ROCK 38;AU,AG
REFERENCES: A.R. 14484
M.I. 103P 022-GRANBY POINT;103P 265-ANYOX

KIT

MINING DIV: SKEENA ASSESSMENT REPORT 15126 INFO CLASS 3
LOCATION: LAT. 55 45.4 LONG. 129 27.1 NTS: 103P/11W 103P/13E
CLAIMS: SAULT 1, SAULT 3-5
OPERATOR: COMINCO
AUTHOR: BLACKWELL, J.

DESCRIPTION: CONFIDENTIAL STATUS

(Will be published in Exploration in British Columbia 1987.)

KIT

MINING DIV: SKEENA ASSESSMENT REPORT 15364 INFO CLASS 3
LOCATION: LAT. 55 45.4 LONG. 129 27.1 NTS: 103P/11W 103P/12E
CLAIMS: SAULT 1, SAULT 3-5, SAULT 7-8
OPERATOR: COMINCO
AUTHOR: BLACKWELL, J.

DESCRIPTION: CONFIDENTIAL STATUS

(Will be published in Exploration in British Columbia 1987.)

SILVER DREAM

MINING DIV: SKEENA ASSESSMENT REPORT 15371 INFO CLASS 3
LOCATION: LAT. 55 41.2 LONG. 129 32.6 NTS: 103P/11W 103P/12E
CLAIMS: SILVER DREAM 1, SILVER DREAM 2, SILVER DREAM 3
BARITE SNOW 1-2, SOUTHERN GOLD, SOUTHERN GOLD 2
OPERATOR: DOLLY VARDEN MIN.
AUTHOR: DEVLIN, B.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY VOLCANIC AND SEDIMENTARY ROCKS OF THE LOWER JURASSIC HAZELTON GROUP, WHICH HAVE BEEN FOLDED INTO A SERIES OF ANTICLINES AND SYNCLINES WITH GENTLE, NORTHWEST PLUNGES. NORTHWEST AND NORTHEAST TRENDING FAULTS CUT ALL ROCK UNITS. SOIL AND ROCK CHIP GEOCHEMISTRY RETURNED ANOMALOUS MULTIELEMENT VALUES.
WORK DONE: GEOL 1:5000
SOIL 102;MULTIELEMENT
SILT 31;MULTIELEMENT
ROCK 57;MULTIELEMENT
REFERENCES: A.R. 15371

MORNING STAR, SUNSHINE, L & L, SILVER KING

MINING DIV: SKEENA ASSESSMENT REPORT 15305 INFO CLASS 3
LOCATION: LAT. 55 58.1 LONG. 129 52.4 NTS: 103P/13W
CLAIMS: MAX, SILBAR, L&L NO. 1, L&L NO. 2, L&L FR., EVENING SUN
COLUMBIA, SUNSHINE, SUNSHINE 1-2, SUNSHINE 4
SUNSHINE FR., SILVER KING
OPERATOR: HARLOW RES.
AUTHOR: ALLEN, G.
COMMODITIES: COPPER, GOLD, SILVER, LEAD, ZINC, ANTIMONY

DESCRIPTION: TERTIARY AUGITE DIORITE AND PENDANTS OF LIMESTONE AND ARGILLITES WITHIN THE DIORITE HAVE BEEN CUT BY SEVERAL ORIENTATIONS OF QUARTZ VEINING CONTAINING CHALCOPYRITE, GALENA, SPHALERITE, PYRITE, ARSENIDES, AND GOLD. SOIL GEOCHEMISTRY AND GEOPHYSICAL SURVEYS HAVE OUTLINED SEVERAL LINEAR ANOMALIES WHICH ARE RELATED TO EXTENSIONS OF KNOWN VEINS AND TO PARALLEL STRUCTURES WITH NO SURFACE EXPOSURES.

WORK DONE:
GEOL 1:5000
EMGR 6.1 KM;VLF
SOIL 227;MULTIELEMENT
SILT 1;MULTIELEMENT
ROCK 48;MULTIELEMENT
LINE 5.8 KM
ROAD 1.8 KM

REFERENCES: A.R. 10046,15305
M.I. 103P 065-MORNING STAR;103P 066-SUNSHINE;
103P 076-L & L;103P 077-SILVER KING

MUNRO

MINING DIV: SKEENA ASSESSMENT REPORT 14745 INFO CLASS 4
LOCATION: LAT. 55 56.8 LONG. 129 57.6 NTS: 103P/13W
CLAIMS: MUNRO, STAND PAT
OPERATOR: TILLICUM GOLD
AUTHOR: STALEY, N.
DESCRIPTION: THE CLAIMS COVER A CONVOLUTED CONTACT BETWEEN GRANODIORITE OF THE COAST PLUTONIC COMPLEX AND VOLCANIC BRECCIA, CONGLOMERATE AND SILTSTONE OF THE UNUK RIVER FORMATION. A CONTACT AUREOLE EXTENDS 150 METRES INTO THE COUNTRY ROCKS THAT SHOW SILICIFICATION AND SULPHIDE ENRICHMENT.
WORK DONE: PROS 1:5000
REFERENCES: A.R. 14745

RED REEF

MINING DIV: SKEENA ASSESSMENT REPORT 14341 INFO CLASS 4
LOCATION: LAT. 55 55.5 LONG. 129 58.0 NTS: 103P/13W
CLAIMS: RED REEF, SKY ANNEX, RED REEF NO. 1, RED REEF NO. 4
OPERATOR: TEUTON RES.
AUTHOR: CREMONESE, D.
COMMODITIES: GOLD, SILVER, COPPER, LEAD, ZINC
DESCRIPTION: LOWER ELEVATIONS FEATURE A CONTACT ZONE BETWEEN HAZELTON VOLCANICS AND THE HYDER QUARTZ MONZONITE/ HORNBLENDE DIORITE INTRUSIVE. SILICIFIED ZONES/

SHEARS ALONG THE CONTACT CARRY CHALCOPYRITE MINERALIZATION WITH GOLD VALUES AND OCCASIONAL CROSS-CUTTING SILVER-LEAD-ZINC VEINS.
WORK DONE: SOIL 25;MULTIELEMENT
SILT 5;MULTIELEMENT
ROCK 28;MULTIELEMENT
REFERENCES: A.R. 10004,13527,14341
M.I. 103P 094-RED REEF
ANN. RPT. 1913, P. K89; 1928, P. C97; 1937, PP. B4-B7; 1947, PP. A74-A78

SILVER BOW, NABOB

MINING DIV: SKEENA ASSESSMENT REPORT 14657 INFO CLASS 3
LOCATION: LAT. 55 59.8 LONG. 129 53.0 NTS: 103P/13W
CLAIMS: SILVER BOW NO.1, SILVER BOW NO.2, NABOB, NABOB NO. 2 SILVER BELL FR., DUNEDIN FR.
OPERATOR: TECK EX.
AUTHOR: LOVANG, G.
COMMODITIES: GOLD, LEAD
DESCRIPTION: SEDIMENTARY AND VOLCANIC ROCKS OF THE BOWSER ASSEMBLAGE (JURASSIC AGE) DIPPING STEEPLY TO THE WEST ARE CUT BY FELSIC AND MAFIC DYKES (TERTIARY AGE), AND A PROMINENT EAST-NORTHEAST STRIKING FAULT. ABOUT ONE QUARTER OF THE SOIL SAMPLES CONTAIN ANOMALOUS VALUES OF GOLD-SILVER-LEAD-ZINC.
WORK DONE: SOIL 150;AU,AG,PB,ZN
ROCK 3;AU,AG,PB,ZN
REFERENCES: A.R. 343,344,14657
M.I. 103P 060-NABOB;103P 063-SILVER BOW

BOWSER LAKE 104A

BETTY

MINING DIV: SKEENA ASSESSMENT REPORT 14851 INFO CLASS 4
LOCATION: LAT. 56 12.7 LONG. 129 59.0 NTS: 104A/ 4W
CLAIMS: BETTY NO. 1
OPERATOR: COX, J.
AUTHOR: COX, J.
DESCRIPTION: QUARTZ VEINS CONTAINING SILVER SELENIDE AND LEAD, ZINC AND COPPER SULPHIDES CUT THE CLASTIC SEDIMENTS OF THE MIDDLE JURASSIC BOWSER GROUP. THE

MAIN VEIN STRIKES SOUTH AND DIPS TO THE WEST AT APPROXIMATELY 70 DEGREES.
WORK DONE: PETR 2
MNGR 2
REFERENCES: A.R. 8939,14851

STERLING, PERSHING

MINING DIV: SKEENA ASSESSMENT REPORT 14504 INFO CLASS 4
LOCATION: LAT. 56 4.8 LONG. 129 51.2 NTS: 104A/ 4W
CLAIMS: PERSHING, STERLING, RUBY (L.4764)
OPERATOR: BROWNLEE, D.
AUTHOR: BROWNLEE, D.
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY LOWER TO MIDDLE JURASSIC HAZELTON GROUP MAFIC VOLCANICS OVERLAIN BY AND IN FAULT CONTACT WITH MIDDLE TO UPPER JURASSIC BOWSER GROUP SEDIMENTS. THESE ROCKS ARE INTRUDED BY THE GLACIER CREEK AUGITE DIORITE.
WORK DONE: PROS 1:10000
REFERENCES: A.R. 14504

KNIP

MINING DIV: SKEENA ASSESSMENT REPORT 14606 INFO CLASS 4
LOCATION: LAT. 56 24.1 LONG. 129 58.1 NTS: 104A/ 5W
CLAIMS: KNIP
OPERATOR: TEUTON RES.
AUTHOR: CREMONESE, D.
COMMODITIES: SILVER, COPPER, LEAD, ZINC
DESCRIPTION: A SERIES OF QUARTZ SULPHIDE VEINS, UP TO ONE METRE IN WIDTH, ARE EXPOSED IN VOLCANICS OF THE BETTY CREEK FORMATION (MIDDLE JURASSIC) JUST NORTH OF KNIPPLE LAKE AND WEST OF A LARGE EOCENE FELDSPAR PORPHYRY STOCK. MINERALIZATION CONSISTS OF ARGENTIFEROUS GALENA, SPHALERITE, CHALCOPYRITE, PYRITE AND TETRAHEDRITE, WITH SILVER VALUES RUNNING TO 7747 GRAMMES/TONNE. PYRITIZED ZONES RELATED TO THE STOCK ARE COMMON, HOWEVER, NONE HAVE BEEN FOUND TO CONTAIN ECONOMIC MINERALIZATION.
WORK DONE: GEOL 1:10000
ROCK 58;MULTIELEMENT
TREN 90 M;10 TRENCHES
REFERENCES: A.R. 13403,14606
M.I. 104A 095-KNIP
EXPL. IN B.C., 1984, P. 386

VIRGINIA K

MINING DIV: SKEENA ASSESSMENT REPORT 15145 INFO CLASS 4
LOCATION: LAT. 56 14.9 LONG. 129 52.0 NTS: 104A/ 5W
CLAIMS: VIRGINIA K 1-3, VIRGINIA 3 FR., AM 1-5, STAR 2 FR. STAR 3 FR., VIRGINIA K EXT4, VIRGINIA K EXT5 VIRGINIA K EXT6
OPERATOR: SQUARE GOLD EX.
AUTHOR: LISLE, T.
DESCRIPTION: CONFIDENTIAL STATUS

(Will be published in *Exploration in British Columbia 1987*.)

VIRGINIA K

MINING DIV: SKEENA ASSESSMENT REPORT 15365 INFO CLASS 3
LOCATION: LAT. 56 14.9 LONG. 129 52.0 NTS: 104A/ 5W
CLAIMS: AM 1, AM 3, VIRGINIA K 3 FR, VIRGINIA K 3
OPERATOR: SQUARE GOLD EX.
AUTHOR: LISLE, T.
COMMODITIES: GOLD, SILVER
DESCRIPTION: CONFIDENTIAL STATUS

(Will be published in *Exploration in British Columbia 1987*.)

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REFERENCES: A.R. 8982,15145,15365
M.I. 104A 006-VIRGINIA K

ISKUT RIVER 104B

BUENA VISTA, UNICORN

MINING DIV: SKEENA ASSESSMENT REPORT 15327 INFO CLASS 3
LOCATION: LAT. 56 7.1 LONG. 130 1.1 NTS: 104B/ 1E
CLAIMS: MASON FR., MGM, DAY 1-4, DAY FR., MARTHA ELLEN LECKIE FR., RAMBLER, TIP TOP, TIP TOP FR., BUENA VISTA
OPERATOR: WESTMIN RES.
AUTHOR: DYKES, S.
COMMODITIES: SILVER, LEAD, ZINC
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY A SEQUENCE OF ANDESITE AGGLOMERATES, TUFFS AND FLOWS BELONGING TO THE LOWER JURASSIC HAZELTON GROUP. MINERALIZATION CONSISTS OF FINE-GRAINED DISSEMINATED PYRITE WITH OR WITHOUT SPHALERITE AND GALENA AND IS CONTAINED WITHIN CHERTY TUFF HORIZONS OR AS SMALL SULPHIDE STRINGERS AND VEINLETS IN ANDESITE. THESE CHERTY TUFF HORIZONS ARE THIN SILICEOUS EXHALITIVE HORIZONS WHICH OCCUR AT THE CONTACT BETWEEN INDIVIDUAL ANDESITE UNITS. GEOPHYSICAL SURVEY RESULTS IDENTIFIED SEVERAL INDUCED POLARIZATION CONDUCTORS.
WORK DONE: IPOL 30.0 KM
LINE 30.1 KM
REFERENCES: A.R. 912,2320,3013,5664,5757,5988,6009,6080, 6361,8202,8477,8788,9980,15327
M.I. 104B 044-UNICORN;104B 083-BUENA VISTA

TENNYSON

MINING DIV: SKEENA ASSESSMENT REPORT 14642 INFO CLASS 4
LOCATION: LAT. 56 15.5 LONG. 130 10.0 NTS: 104B/ 1E 104B/ 8E
CLAIMS: TENNYSON 1-4
OPERATOR: TEUTON RES.
AUTHOR: CREMONESE, D.
COMMODITIES: GOLD, SILVER, ZINC, LEAD
DESCRIPTION: A GOSSANOUS OUTCROP, APPROXIMATELY 750 METRES BY 500 METRES LARGE, IS EXPOSED WEST OF A STEEPLY

DIPPING, NORTHWEST TRENDING FAULT. ROCKS ARE VOLCANICS AND SEDIMENTS, LOWER TO MIDDLE JURASSIC SHOWING VARYING DEGREES OF ALTERATION FROM CHLORITE-LOWER GREENSCHIST TO SERICITE-CLAY, SILICA-CARBONATE GRADE. GOLD, SILVER, COPPER, LEAD, AND ZINC VALUES HAVE BEEN FOUND IN PYRITIC BANDS IN ALTERED SCHISTS. PERVASIVE DISSEMINATED PYRITE, ACCOMPANIED IN PLACES BY CHALCOPYRITE, AND ERRATIC GOLD AND SILVER VALUES OCCUR WITHIN THE GOSSAN.

WORK DONE: SOIL 29;MULTIELEMENT
ROCK 45;MULTIELEMENT
TREN 80.0 M;8 TRENCHES
REFERENCES: A.R. 14642
M.I. 104B 167-TENNYSON

4J'S

MINING DIV: SKEENA ASSESSMENT REPORT 14386 INFO CLASS 3
LOCATION: LAT. 56 18.0 LONG. 130 6.0 NTS: 104B/ 8E
CLAIMS: JOHN, JONAS
OPERATOR: NORANDA EX.
AUTHOR: BAERG, R. BRADISH, L.
COMMODITIES: GOLD, ANTIMONY, LEAD, SILVER, ZINC
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY JURASSIC AGE ANDESITIC VOLCANICLASTICS, ARGILLITE, GREYWACKE AND CONGLOMERATE WHICH ARE INTRUDED BY FELDSPAR PORPHYRY DYKES. SPHALERITE-BOURNONITE-ANTIMONY OCCURS IN TWO SMALL AREAS OF CARBONATE-QUARTZ-SERICITE-PYRITE ALTERATION. LARGE VUGGY QUARTZ-GALENA-BOURNONITE BOULDERS OCCUR BELOW THE EDGE OF THE GLACIAL ICE ON THE JOHN CLAIM. THE GEOPHYSICAL SURVEY DID NOT CONFIRM THE PRESENCE OF THREE OF THE FOUR VLF CONDUCTORS FROM THE PREVIOUS SURVEY.
WORK DONE: GEOL 1:1000
MAGG 4.5 KM
EMGR 6.5 KM;HLEM,PEM
ROCK 59;MULTIELEMENT
REFERENCES: A.R. 12387,14386
M.I. 104B 128-4J'S

ARMINIUS

MINING DIV: SKEENA ASSESSMENT REPORT 14660 INFO CLASS 4
LOCATION: LAT. 56 19.0 LONG. 130 2.6 NTS: 104B/ 8E
CLAIMS: ARMINIUS, SENECA
OPERATOR: TEUTON RES.
AUTHOR: GROVES, W.
DESCRIPTION: A ZONE OF STEEPLY DIPPING SOUTHWESTERLY METALLIZED CLEAVAGES IN MESOZOIC AGE DARK ARGILLITES IS THE CAUSE OF AN AERIAL ELECTROMAGNETIC ANOMALY. THE CONTORTED BLACK ARGILLITE OF THE SALMON RIVER FORMATION IS CUT BY RUSTY-WEATHERING VERY WEAKLY ARGENTIFEROUS MINOR QUARTZ-CARBONATE SULPHIDE DILATION-STRUCTURE VEINLETS. THE MINERALIZATION IS LARGE SCALE BUT OF VERY LOW GRADE.
WORK DONE: ROCK 8;AU,AG,CU,AA
PROS 1:5000
REFERENCES: A.R. 14660

AUGUSTUS

MINING DIV: SKEENA ASSESSMENT REPORT 14659 INFO CLASS 4
LOCATION: LAT. 56 23.0 LONG. 130 4.0 NTS: 104B/ 8E
CLAIMS: TIBERIUS, DRUSUS, AUGUSTUS, GERMANICUS
OPERATOR: TEUTON RES.
AUTHOR: GROVES, W.
DESCRIPTION: A BROAD CRENULATED SYNCLINE IN THE MESOZOIC AGE SALMON RIVER FLOWS CONTAINS A 10 METRE PYRITIC, SOOTY-ARGILLITE BANDED UNIT. SULPHIDES ARE WEAKLY AURIFEROUS. A SMALL LAYERED STOCK OR NECK WITH ASSOCIATED HYDROTHERMAL ALTERED FRACTURES CARRY WEAK ZINC VALUES IN VEINLETS. A SIMILAR AREA EXISTS IN FLOW ROCKS SOUTHWEST OF THE STOCK. THE STOCK-ARGILLITE CONTACT EXHIBITS SMALL PODS OF BLOND-WEATHERING QUARTZ-SULPHIDES CARRYING VERY LOW GOLD VALUES.
WORK DONE: SILT 2;MULTIELEMENT
ROCK 17;MULTIELEMENT
PROS 1:5000
REFERENCES: A.R. 14659

BRUCEJACK

MINING DIV: SKEENA ASSESSMENT REPORT 15370 INFO CLASS 4
LOCATION: LAT. 56 28.8 LONG. 130 7.2 NTS: 104B/ 8E
CLAIMS: BRUCEJACK 1-3
OPERATOR: CATEAR RES.
AUTHOR: KRUCHKOWSKI, E.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY MIDDLE JURASSIC BETTY CREEK FORMATION ALTERED SCHISTS WITH LOCAL QUARTZ STOCKWORKS. GOLD AND SILVER ARE RELATED TO TETRAHEDRITE BEARING SHEAR ZONES.
WORK DONE: SAMP 35;AU,AG
PROS 1:5000
TREN 18.0 M;6 TRENCHES
REFERENCES: A.R. 15370

DELTA

MINING DIV: SKEENA ASSESSMENT REPORT 14607 INFO CLASS 4
LOCATION: LAT. 56 22.0 LONG. 130 6.5 NTS: 104B/ 8E
CLAIMS: ALPHA, DELTA
OPERATOR: TEUTON RES.
AUTHOR: CREMONESE, D.
COMMODITIES: LEAD, ZINC, SILVER, ANTIMONY, GOLD, COPPER
DESCRIPTION: A STEEP SHEAR OR LARGE TECTONIZED TUFF SERICITE SCHIST ZONE CONTAINS GOLD-BEARING QUARTZ VEINS. A POD OF JAMESONITE(?)-SIDERITE IS LOCATED JUST WEST OF THE FAULT. MAJOR HEAVY MINERAL STREAM SEDIMENT ANOMALIES FROM THIS AREA SUGGEST MORE EXTENSIVE MINERALIZATION. NEAR AND OUTSIDE THE WESTERN BOUNDARY OF THE DELTA CLAIM, MESOZOIC DARK ARGILLITES OF THE SALMON RIVER FORMATION ARE CUT BY A MAJOR STEEP FAULT. A LARGE, PYRITIC GOSSAN ON THE WEST SIDE CONTAINS GOLD VALUES.
WORK DONE: SILT 8;MULTIELEMENT
ROCK 16;MULTIELEMENT
PROS 1:5000
REFERENCES: A.R. 11716,13403,14607
M.I. 104B 166-DELTA

KERR

MINING DIV: SKEENA ASSESSMENT REPORT 14614 INFO CLASS 2
LOCATION: LAT. 56 28.7 LONG. 130 12.0 NTS: 104B/ 8E 104B/ 8W
CLAIMS: KERR 99
OPERATOR: BRINCO
AUTHOR: EPP, W.

COMMODITIES: GOLD, SILVER, COPPER, LEAD, ZINC
DESCRIPTION: JURASSIC VOLCANICS AND SEDIMENTS HOST GOLD MINERALIZATION IN A NORTH-SOUTH TRENDING, SERICITE-ALTERED, PYRITIC SCHISTOSE ZONE. SIZE OF THE ALTERED ZONE IS GREATER THAN 1 KILOMETRE BY 500 METRES.
WORK DONE: GEOL 1:5000
SOIL 409;MULTIELEMENT
SILT 3;AU,AG
ROCK 1450;MULTIELEMENT
DIAD 190 M;3 HOLES,BQ
SAMP 102;AU,AG
PETR 9
TREN 942.0 M
REFERENCES: A.R. 6255,9435,10268,10698,14614
M.I. 104B 100-KERR

RED RIVER

MINING DIV: SKEENA ASSESSMENT REPORT 14672 INFO CLASS 2
LOCATION: LAT. 56 28.7 LONG. 130 12.0 NTS: 104B/ 8E 104B/ 9E
CLAIMS: X-RAY 8-9, RED RIVER
OPERATOR: NEWHAWK GOLD MINES
AUTHOR: TRIBE, N.
COMMODITIES: GOLD, SILVER, ZINC, LEAD
DESCRIPTION: MIXED UNUK RIVER, SALMON RIVER AND BETTY CREEK FORMATIONS (JURASSIC-TRIASSIC) ARE INTRUDED BY SYENITES AND DIORITES FORMING A LARGE ZONE OF SERICITE AND IRON ALTERATION. BASE METAL SULPHIDES WITH PRECIOUS METAL VALUES ARE DISSEMINATED IN A NUMBER OF SILICIFIED VEIN STRUCTURES TRENDING NORTHWEST, DIPPING VERTICALLY.
WORK DONE: DIAD 3984 M;29 HOLES,BQ
SAMP 1003;AU,AG
REFERENCES: A.R. 6255,9435,10268,14614,14672
M.I. 104B 118-RED RIVER

TREATY CREEK

MINING DIV: SKEENA ASSESSMENT REPORT 14734 INFO CLASS 4
LOCATION: LAT. 56 35.2 LONG. 130 8.0 NTS: 104B/ 9E
CLAIMS: TREATY
OPERATOR: TEUTON RES.
AUTHOR: CREMONESE, D.
COMMODITIES: SILVER, LEAD, ZINC
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY MIDDLE JURASSIC PILLOW LAVAS, BROKEN PILLOW BRECCIAS, CONGLOMER-

ATE, SANDSTONE AND SILTSTONE OF THE BETTY CREEK FORMATION. THE DOMINANT FEATURE IS A LARGE ALTERATION ZONE IN THE SOUTHERN HALF OF THE CLAIM THAT CONSISTS OF SERICITE, CLAY MINERALS, CHLORITE, PYRITE AND NATIVE SULPHUR. AN ANOMALOUS GOLD HEAVY MINERAL STREAM SEDIMENT SAMPLE OCCURS.

WORK DONE: ROCK 6;MULTIELEMENT
HMIN 8;MULTIELEMENT
PROS 1:10000

REFERENCES: A.R. 8767,14734
M.I. 104B 078-TREATY CREEK

GOSSAN

MINING DIV: LIARD ASSESSMENT REPORT 14972 INFO CLASS 4
LOCATION: LAT. 56 31.4 LONG. 130 48.1 NTS: 104B/10W
CLAIMS: GOSSAN 25
OPERATOR: BRINCO
AUTHOR: PETERSEN, D.

DESCRIPTION: THE CLAIM IS UNDERLAIN BY TRIASSIC SEDIMENTS THAT ARE CUT BY PORPHYRITIC ANDESITE DYKES. VERY NARROW DISCONTINUOUS QUARTZ VEINS APPROXIMATELY TEN CENTIMETRES WIDE OCCUR IN THE SEDIMENTS CLOSE TO THE DYKE CONTACTS.

WORK DONE: PROS 1:5000
LINE 7.7 KM

REFERENCES: A.R. 3982,4748,4749,14972

PINS

MINING DIV: LIARD ASSESSMENT REPORT 15238 INFO CLASS 3
LOCATION: LAT. 56 31.6 LONG. 130 48.2 NTS: 104B/10W 104B/11E
CLAIMS: GOSSAN 3-4, GOSSAN 7, GOSSAN 14, GOSSAN 16
OPERATOR: CASSIAR MIN.
AUTHOR: MEYERS, R.
COMMODITIES: COPPER

DESCRIPTION: MESOZOIC ARGILLACEOUS AND TUFFACEOUS SEDIMENTARY ROCKS AND ANDESITIC TO BASALTIC SUBMARINE VOLCANIC ROCKS ARE INTRUDED BY MID-CRETACEOUS GRANODIORITIC AND DIORITIC MARGINAL PHASES OF THE COAST PLUTONIC COMPLEX AND BY LATE CENOZOIC BASALTIC DYKES. LOCALIZED NORTHWESTERLY TRENDING SHEAR AND FRACTURE ZONES ARE ASSOCIATED WITH WIDESPREAD PYRITIC GOSSANOUS ALTERATION ZONES AND WEAK LEAD, ZINC, GOLD AND SILVER SOIL ANOMALIES.

WORK DONE: GEOL 1:10000

SOIL 310;MULTIELEMENT
SILT 12;MULTIELEMENT
ROCK 96;MULTIELEMENT
REFERENCES: A.R. 3982,4748,4749,14972,15238
M.I. 104B 111-PINS

WARATAH

MINING DIV: LIARD ASSESSMENT REPORT 14832 INFO CLASS 4
LOCATION: LAT. 56 41.0 LONG. 130 59.0 NTS: 104B/10W
CLAIMS: WARATAH 6
OPERATOR: SKYLINE EX.
AUTHOR: CANDY, C.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY UPPER TRIASSIC ANDESITIC TUFF, BRECCIA AND ASSOCIATED SEDIMENTARY UNITS WHICH PROBABLY CORRELATES TO THE UNUK RIVER FORMATION OF THE STEWART COMPLEX TO THE SOUTHEAST. THREE SHOWINGS LOCATED TO DATE INDICATE PYRITE, CHALCOPYRITE, ARSENOPYRITE AND PYRRHOTITE MINERALIZATION IN QUARTZ-CARBONATE VEINS AND VEINLETS. NO DEEP-SEATED OR MODERATE CONDUCTORS LOCATED BY PULSE ELECTROMAGNETIC SURVEY.
WORK DONE: EMGR 5.5 KM
REFERENCES: A.R. 14832

RAY

MINING DIV: LIARD ASSESSMENT REPORT 15336 INFO CLASS 3
LOCATION: LAT. 56 42.4 LONG. 131 9.1 NTS: 104B/11E
CLAIMS: HEMLO WEST 12, HEMLO WEST 13, HEMLO WEST 14
HEMLO WEST 15, HEMLO WEST 16, HEMLO WEST 18, AURUM 3-4
OPERATOR: DELAWARE RES.
AUTHOR: NAGY, L.
COMMODITIES: SILVER, ZINC, COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY TRIASSIC TO LOWER JURASSIC VOLCANIC AND SEDIMENTARY ROCKS WITH RELATED HIGH-LEVEL SUBVOLCANIC FELSITE AND QUARTZ-FELDSPAR PORPHYRY BODIES. INTERMEDIATE VOLCANIC BRECCIAS, TUFF BRECCIAS AND SILICEOUS PYROCLASTIC ROCKS ARE COMMON. MINERALIZATION IS COMPRISED OF AURIFEROUS QUARTZ VEINS, CHALCOPYRITE-GALENA-SPHALERITE BLEBS AND VEINS, AND MOLYBDENITE IN AN ALTERED QUARTZ-FELDSPAR PORPHYRY PLUG. GEOCHEMICAL SURVEY RESULTS RETURNED ANOMALOUS GOLD AND SILVER VALUES.
WORK DONE: SOIL 287;AU,AG

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              SILT     51;AU,AG
              ROCK     12;AU,AG
              TOPO     1:10000
 REFERENCES:  A.R. 921,2963,3002,3374,11320,15336
              M.I. 104B  076-RAY;104B  088-RAY
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TELEGRAPH CREEK 104G

BAM

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 MINING DIV:   LIARD           ASSESSMENT REPORT 14859  INFO CLASS 4
 LOCATION:     LAT.  57 10.8 LONG.  130 52.6   NTS: 104G/ 2W
 CLAIMS:       BAM 6-10
 OPERATOR:     CHEVRON CAN. RES.
 AUTHOR:       WALTON, G.
 COMMODITIES: COPPER, SILVER, GOLD
 DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PERMIAN SEDIMENTS AND
              VOLCANICS WHICH ARE OVERLAIN BY TRIASSIC TO JURA-
              SSIC VOLCANICS. THE WHOLE SEQUENCE IS INTRUDED BY
              JURASSIC TO CRETACEOUS GRANITIC BODIES. MINERAL-
              IZATION CONSISTS OF PYRITIC QUARTZ VEINS WITHIN AN
              ALTERED GRANITIC ROCK AND CARRIES GOLD VALUES TO
              15.6 GRAMMES/TONNE.
 WORK DONE:   ROCK     60;AU,AS,SB,AG
 REFERENCES:  A.R. 14859
              M.I. 104G  027-BAM
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WINDY

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 MINING DIV:   LIARD           ASSESSMENT REPORT 14982  INFO CLASS 3
 LOCATION:     LAT.  57 10.5 LONG.  130 56.6   NTS: 104G/ 2W
 CLAIMS:       WINDY, BJ
 OPERATOR:     TECK EX.
 AUTHOR:       FOLK, P.
 DESCRIPTION: PERMIAN AND OLDER METAMORPHOSED VOLCANICS, VOLCAN-
              ICLASTICS AND SEDIMENTS ARE CUT BY LATER QUARTZ
              VEINS. A FAULT-RELATED PYRITIC IRON CARBONATE
              BRECCIA ZONE RETURNED SLIGHTLY ANOMALOUS GOLD
              VALUES IN ROCK CHIPS.
 WORK DONE:   GEOL     1:1000
              SOIL     118;AU
              SILT     5;AU
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ROCK 85;AU
LINE 3.2 KM
REFERENCES: A.R. 9040,9692,10917,14982

ANN, PAY DIRT

MINING DIV: LIARD ASSESSMENT REPORT 14980 INFO CLASS 2
LOCATION: LAT. 57 4.1 LONG. 131 31.4 NTS: 104G/ 3W 104G/ 4E
CLAIMS: PAY DIRT, FATHER, MOTHER, DAUGHTERS, WIFE, SPLIT, CREEK
OPERATOR: CONS. SILVER
AUTHOR: HOLTBY, M.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER TRIASSIC SEDIMENTARY AND VOLCANIC ROCKS WHICH ARE INTRUDED BY TRIASSIC AND JURASSIC SYENITE AND JURASSIC AND/OR CRETACEOUS DIORITE TO GRANODIORITE. MINERALIZATION CONSISTING OF NATIVE GOLD OCCURS IN PYRITIC, SILICIFIED AND SERICITIZED ANDESITE TUFFS. DRILL INDICATED RESERVES OF 185,000 TONNES AVERAGING 4.1 GRAMMES/TONNE GOLD HAS BEEN DELINEATED IN A ZONE WHICH IS STILL OPEN DOWN DIP AND ALONG STRIKE.
WORK DONE: GEOL 1:5000,1:1000
SOIL 109;MULTIELEMENT
ROCK . 196;AU,CU
DIAD 759.9 M;11 HOLES, BQ
SAMP 514;AU,CU
ROAD 0.5 KM
TREN 23.0 M;3 TRENCHES
REFERENCES: A.R. 643,846,5615,6022,14980
M.I. 104G 023-ANN;104G 108-PAY DIRT

JO

MINING DIV: LIARD ASSESSMENT REPORT 14739 INFO CLASS 3
LOCATION: LAT. 57 48.5 LONG. 130 12.0 NTS: 104G/16E
CLAIMS: CASTLE 2
OPERATOR: TECK EX.
AUTHOR: LOVANG, G.
COMMODITIES: COPPER, GOLD, SILVER
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER TRIASSIC NORTHWEST STRIKING PORPHYRITIC PURPLE AND GREEN ANDESITE FLOWS AND PYROCLASTICS WITH MINOR COARSE GRAINED TUFFS AND TUFFACEOUS SANDSTONE CUT BY YOUNGER FELSITE AND FELDSPAR PORPHYRY DYKES. GOLD AND SILVER VALUES OCCUR IN SILICIFIED AND PYRITIC ZONES WITHIN THE VOLCANICS.

WORK DONE: MAGG 7.8 KM

EMGR 7.2 KM;VLF

SPOT 5.0 KM

ROCK 35;CU,AG,AU,W,BA

REFERENCES: A.R. 9117,9878,14739

M.I. 104G 076-JO

CRY LAKE 104I

CHOA

MINING DIV: LIARD ASSESSMENT REPORT 15335 INFO CLASS 4

LOCATION: LAT. 58 9.7 LONG. 128 34.8 NTS: 104I/ 2E

CLAIMS: CHOA

OPERATOR: NORANDA EX.

AUTHOR: MAXWELL, G.

DESCRIPTION: THE CLAIM IS UNDERLAIN BY PALE GREEN CHLORITIC SCHISTS AND FELSIC SCHISTS OF THE UPPER TRIASSIC "KUTCHO" SEQUENCE. THESE ROCKS ARE STRONGLY FOLIATED IN AN EAST-WEST DIRECTION AND DIP STEEPLY TO THE NORTH. THE FELSIC SCHIST IS WEAKLY MINERALIZED WITH DISSEMINATED PYRITE AND PYRRHOTITE. THE DRILL HOLE INTERSECTED CHLORITIC SCHISTS, PYRITIC FELSIC SCHISTS AND THIN BANDS OF GRAPHITIC PHYLLITE.

WORK DONE: DIAD 54.3 M;1 HOLE,BQ

REFERENCES: A.R. 13081,15335

KUTCHO

MINING DIV: LIARD ASSESSMENT REPORT 14897 INFO CLASS 4

LOCATION: LAT. 58 11.8 LONG. 128 32.1 NTS: 104I/ 2E 104I/ 2W

CLAIMS: KUTCHO 3-4

OPERATOR: NORANDA EX.

AUTHOR: BRADISH, L.

COMMODITIES: COPPER

DESCRIPTION: THE PROPERTY IS UNDERLAIN BY A SEQUENCE OF VOLCANIC VOLCANICLASTIC AND SEDIMENTARY ROCKS RANGING FROM UPPER TRIASSIC TO LOWER JURASSIC IN AGE. THE SEQUENCE IS TIGHTLY FOLDED WITH AXES TRENDING WEST-NORTHWEST OFTEN PLUNGING TO THE WEST. SEVERAL NARROW POD-LIKE ZONES OF CHALCOPYRITE MINERALIZATION ARE KNOWN TO OCCUR WITHIN

THESE VOLCANICS. A PULSE ELECTROMAGNETIC CONDUCTOR WITH A MAGNETIC RESPONSE OCCURS.
WORK DONE: MAGG 1.1 KM
EMGR 1.1 KM;PULSE
REFERENCES: A.R. 6210,6374,6375,6686,6916,9170,12961,14897
M.I. 104I 072-KUTCHO

FALCON

MINING DIV: LIARD ASSESSMENT REPORT 14954 INFO CLASS 3
LOCATION: LAT. 58 17 9 LONG. 129 0.5 NTS: 104I/ 6E
CLAIMS: FALCON 20
OPERATOR: MIRAMAR ENERGY
AUTHOR: CHRISTOPHER, P.
COMMODITIES: SILVER, COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY THE SINWA AND INKLIN FORMATIONS OF THE LOWER MESOZOIC KING SALMON ASSEMBLAGE. THESE UNITS, LIMESTONE AND GREYWACKE RESPECTIVELY ARE FOLDED ALONG A NORTHWESTERLY AXIS PARALLEL TO THE KING SALMON THRUST FAULT SOUTH OF THE PROPERTY. MINERALIZATION CONSISTING OF TETRAHEDRITE, MINOR GALENA, SPHALERITE AND PYRITE OCCUR IN QUARTZ VEINS, STOCKWORKS AND SILICEOUS REPLACEMENT ZONES WITHIN THE SINWA FORMATION LIMESTONES SUBPARALLEL AND ADJACENT TO THE CONTACT WITH THE OVERLYING INKLIN FORMATION GREYWACKE.
WORK DONE: GEOL 1:5000
MAGG 3.9 KM
EMGR 5.5 KM;VLF
SOIL 45;MULTIELEMENT
SILT 3;MULTIELEMENT
ROCK 4;AG,AU,CU,PB,ZN
LINE 4.8 KM
REFERENCES: A.R. 14954
M.I. 104I 097-FALCON

DEASE LAKE 104J

PAT

MINING DIV: ATLIN ASSESSMENT REPORT 14802 INFO CLASS 3
LOCATION: LAT. 58 11.5 LONG. 131 34.5 NTS: 104J/ 4E
CLAIMS: MOON 1-2, MOON 4
OPERATOR: UNITED CAMBRIDGE
AUTHOR: LISLE, T.

DESCRIPTION: CONFIDENTIAL STATUS

(Will be published in Exploration in British Columbia 1987.)

TULSEQUAH 104K

MUSE

MINING DIV: ATLIN ASSESSMENT REPORT 14822 INFO CLASS 3
LOCATION: LAT. 58 12.3 LONG. 132 14.0 NTS: 104K/ 1E 104K/ 1W
CLAIMS: HORN 3, LATE, MUSE 1-2, TAN 1
OPERATOR: CHEVRON CAN. RES.
AUTHOR: HEWGILL, W. SHANNON, K.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY PERMIAN LIMESTONE WHICH IS OVERLAIN BY PRE-UPPER TRIASSIC VOLCANICS. MINOR DIORITIC INTRUSIVES CUT THE VOLCANICS. CARBONATIZATION ALONG NORTH TRENDING FAULTS THAT DIP STEEPLY NORTHEAST OCCUR. NO SIGNIFICANT MINERALIZATION WAS FOUND. SOIL SURVEY RESULTS ARE LOW.
WORK DONE: GEOL 1:10000
SOIL 207;AU,AG,AS,SB
ROCK 31;AU,AG,AS,SB
REFERENCES: A.R. 11781,14822

HOPE

MINING DIV: ATLIN ASSESSMENT REPORT 14363 INFO CLASS 4
LOCATION: LAT. 58 9.5 LONG. 132 35.0 NTS: 104K/ 2E
CLAIMS: HOPE 2-3, HOPE 5-6, HOPE 8
OPERATOR: NORANDA EX.
AUTHOR: WEBSTER, M.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY PRE-UPPER TRIASSIC AGE INTERCALATED SEDIMENTARY AND VOLCANIC UNITS AND TERTIARY SLOKO GROUP VOLCANICS AND INTRUSIVES CUT BY NORTHEAST AND NORTHWEST TRENDING FAULTS. PYRITIZATION AND SILICIFICATION ARE DEVELOPED ALONG THE FAULT ZONE. THE GEOCHEMICAL SURVEY REVEALED ANOMALOUS VALUES IN LEAD, ZINC, SILVER AND GOLD.
WORK DONE: GEOL 1:10000
SOIL 28;MULTIELEMENT
SILT 8;MULTIELEMENT
ROCK 54;MULTIELEMENT
HMIN 4;MULTIELEMENT
REFERENCES: A.R. 14363

WILD

MINING DIV: ATLIN ASSESSMENT REPORT 14366 INFO CLASS 3
LOCATION: LAT. 58 5.5 LONG. 132 41.0 NTS: 104K/ 2E
CLAIMS: WILD 1-3, WILD 5-8
OPERATOR: NORANDA EX.
AUTHOR: WEBSTER, M.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY PRE-UPPER TRIASSIC AGE INTERCALATED SEDIMENTARY AND VOLCANIC UNITS WHICH ARE INTRUDED BY LATE CRETACEOUS TO EARLY TERTIARY SLOKO GROUP QUARTZ MONZONITES. NUMEROUS QUARTZ VEINS OCCUR WITHIN THE PRE-UPPER TRIASSIC ROCKS AND ALONG GEOLOGIC CONTACTS. THE GEOCHEMICAL SURVEY RETURNED SLIGHTLY ANOMALOUS MULTIELEMENT VALUES.
WORK DONE: GEOL 1:10000
SOIL 24;MULTIELEMENT
SILT 1;MULTIELEMENT
ROCK 44;MULTIELEMENT
HMIN 8;MULTIELEMENT
REFERENCES: A.R. 14366

TESS

MINING DIV: ATLIN ASSESSMENT REPORT 14365 INFO CLASS 4
LOCATION: LAT. 58 3.0 LONG. 132 50.0 NTS: 104K/ 2W
CLAIMS: WHIT
OPERATOR: NORANDA EX.
AUTHOR: WEBSTER, M.
COMMODITIES: COPPER, MOLYBDENUM
DESCRIPTION: THE CLAIMS COVER A TERTIARY SLOKO GROUP QUARTZ FELDSPAR PORPHYRY STOCK AND RELATED SLOKO VOLCANICS AND SEDIMENTS. QUARTZ VEINS OCCUR AT INTRUSIVE-SEDIMENT-VOLCANIC CONTACTS AND CARRY ANOMALOUS GOLD VALUES.
WORK DONE: GEOL 1:10000
SOIL 29;MULTIELEMENT
SILT 1;MULTIELEMENT
ROCK 13;MULTIELEMENT
HMIN 1;MULTIELEMENT
REFERENCES: A.R. 4628,14365
M.I. 104K 036-TESS

FULL

MINING DIV: ATLIN ASSESSMENT REPORT 14367 INFO CLASS 3
LOCATION: LAT. 58 18.0 LONG. 132 49.0 NTS: 104K/ 7W
CLAIMS: FULL 1-2, FULL 4
OPERATOR: NORANDA EX.
AUTHOR: WEBSTER, M.
DESCRIPTION: THE CENTRAL AND NORTH PART OF THE CLAIMS ARE UNDERLAIN BY TRIASSIC GRANODIORITE WHILE THE REMAINING AREA COVERS A NORTHWESTERLY TRENDING FAULT ZONE WHICH SEPARATES TERTIARY SLOKO GROUP RHYOLITE AND DACITE UNITS FROM SLOKO GROUP QUARTZ MONZONITE ON THE SOUTHWEST. THE GEOCHEMICAL SURVEY RETURNED ANOMALOUS MULTIELEMENT VALUES IN COPPER, ZINC, LEAD AND SILVER.
WORK DONE: GEOL 1:10000
SILT 12;MULTIELEMENT
ROCK 20;MULTIELEMENT
HMIN 8;MULTIELEMENT
REFERENCES: A.R. 14367

TULSEQUAH 104K

NOW

MINING DIV: ATLIN ASSESSMENT REPORT 14364 INFO CLASS 4
LOCATION: LAT. 59 0.0 LONG. 132 55.0 NTS: 104K/15W 104N/ 2W
CLAIMS: NOW
OPERATOR: NORANDA EX.
AUTHOR: WEBSTER, M.
DESCRIPTION: THE CLAIMS COVER PRE-UPPER TRIASSIC INTERCALATED SEDIMENTARY AND VOLCANIC UNITS ALONG THE NORTH SIDE OF THE NAHLIN FAULT. NUMEROUS ULTRAMAFIC AND/OR PERIDOTITE PODS OCCUR ALONG THE VOLCANIC-SEDIMENTARY CONTACT. THE GEOCHEMICAL SURVEY FAILED TO DETECT ANY ANOMALOUS VALUES OF BASE OR PRECIOUS METALS NEAR THE ULTRAMAFICS OR WITHIN GOSSANOUS SHEAR ZONES.
WORK DONE: GEOL 1:10000
SOIL 4;MULTIELEMENT
SILT 12;MULTIELEMENT
ROCK 13;MULTIELEMENT
HMIN 5;MULTIELEMENT
REFERENCES: A.R. 14364

SKAGWAY 104M

FEE GLACIER

MINING DIV: ATLIN ASSESSMENT REPORT 15208 INFO CLASS 3
LOCATION: LAT. 59 28.1 LONG. 134 21.0 NTS: 104M/ 8W
CLAIMS: ENSIGN, BLUE JACKET, ANNEX, SILVER KING 1-3, TYEE GOLD BOTTOM, SIVLER TIP, ICE 1
OPERATOR: RISE RES.
AUTHOR: GONZALEZ, R.
COMMODITIES: SILVER, COPPER, ZINC, LEAD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PRECAMBRIAN PELITIC SCHISTS, METAVOLCANICS, GNEISSES AND MARBLES INTRUDED BY CRETACEOUS GRANITES. CHALCOPYRITE, GALENA AND SPHALERITE MINERALIZATION OCCUR IN QUARTZ VEINS. GEOPHYSICAL SURVEY RESULTS IDENTIFIED VLF-ELECTROMAGNETIC CONDUCTORS.
WORK DONE: MAGG 14.2 KM
EMGR 14.5 KM;VLF
SOIL 303;MULTIELEMENT
ROCK 39;MULTIELEMENT
REFERENCES: A.R. 8384,10945,13933,15208

SKAGWAY 104M

M.I. 104M 037-FEE GLACIER

DODGE

MINING DIV: ATLIN ASSESSMENT REPORT 14384 INFO CLASS 4
LOCATION: LAT. 59 58.5 LONG. 134 38.0 NTS: 104M/15E
CLAIMS: DODGE 1
OPERATOR: HARRIS, G.
AUTHOR: DAVIDSON, G.
DESCRIPTION: THE DODGE CLAIMS COVER JURASSIC LABERGE GROUP SILTSTONES, ARGILLITES AND GREYWACKES IN CONTACT WITH VOLCANIC FLOWS, BRECCIAS AND TUFFS OF UNKNOWN AGE. NARROW UNMINERALIZED QUARTZ VEINS OCCUR IN THE SEDIMENTARY ROCKS NEAR THE CONTACT WITH THE VOLCANICS.
WORK DONE: ROCK 4;AU,AG
PROS 1:10000
REFERENCES: A.R. 14384

ATLIN 104N

P.L. 3041, P.L. 13224

MINING DIV: ATLIN ASSESSMENT REPORT 14507 INFO CLASS 3
LOCATION: LAT. 59 28.2 LONG. 133 33.7 NTS: 104N/ 5E
CLAIMS: P.L. 3041, P.L. 13224
OPERATOR: ATLIN MCKEE GOLD
AUTHOR: MARK, D.
DESCRIPTION: THE SURVEY AREA APPEARS TO BE UNDERLAIN BY PENNSYLVANIAN-PERMIAN SEDIMENTS AND VOLCANICS. THE SEISMIC REFRACTION SURVEY REVEALED A PROBABLE BURIED CREEK CHANNEL.
WORK DONE: SEIS 0.4 KM
REFERENCES: A.R. 14507

RAD

MINING DIV: ATLIN ASSESSMENT REPORT 14775 INFO CLASS 4
LOCATION: LAT. 59 27.3 LONG. 132 47.0 NTS: 104N/ 7W
CLAIMS: RAD 1
OPERATOR: WOODCOCK, J.
AUTHOR: WOODCOCK, J.
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY PERMIAN CACHE CREEK GROUP ARGILLITES AND CHERTY ARGILLITES WHICH HAVE BEEN HORNFELSED. THE PETROGRAPHIC STUDY INDICATES THAT THERE IS WIDESPREAD POTASSIUM FELDSPAR ACCOMPANYING THE BIOTITE OF THE HORNFELS AND OCCURS INTERSTITIALLY TO QUARTZ GRAINS.
WORK DONE: PETR 42 THIN SECTIONS
REFERENCES: A.R. 14775

BLACK DIAMOND

MINING DIV: ATLIN ASSESSMENT REPORT 14438 INFO CLASS 3
LOCATION: LAT. 59 39.0 LONG. 133 23.0 NTS: 104N/11W
CLAIMS: B2, B5, B6, B7, B8, BEFORE
OPERATOR: CREAM SILVER MINES
AUTHOR: GONZALEZ, R.
COMMODITIES: TUNGSTEN
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY PERMIAN CACHE CREEK METASEDIMENTS AND VOLCANICS INTRUDED BY CRETACEOUS GRANITIC ROCKS. MINERALIZATION INCLUDING PYRITE, PYRRHOTITE, CHALCOPYRITE, WOLFRAMITE, SCHEELITE, SPHALERITE, AND MINOR GALENA IS FOUND IN LENSES OF SKARN MATERIAL. THE GEOCHEMICAL SURVEY HAS EXTENDED A PREVIOUS COPPER, LEAD, ZINC AND TUNGSTEN SOIL ANOMALY.
WORK DONE: GEOL 1:5000
MAGG 9.8 KM
SOIL 195;MULTIELEMENT
ROCK 6;MULTIELEMENT
REFERENCES: A.R. 10481,11495,13133,14184,14438
M.I. 104N 006-BLACK DIAMOND

KAREN, SHUKSAN

MINING DIV: ATLIN ASSESSMENT REPORT 14648 INFO CLASS 4
LOCATION: LAT. 59 33.8 LONG. 133 33.4 NTS: 104N/11W 104N/12E
CLAIMS: SHUKSAN 1-4, KAREN 6-7
OPERATOR: PLACER DEV.
AUTHOR: CANNON, R.
DESCRIPTION: A TONGUE OF SERPENTIZED ULTRAMAFIC ROCK OF PERMO-

PENNSYLVANIAN ATLIN INTRUSION EXTENDS NORTHEASTERLY FROM THE ULTRAMAFIC BODY ON UNION MOUNTAIN. UNDER THE VALLEY OF DOMINION CREEK THE ROCKS ARE INTENSELY CARBONATE-ALTERED AND SHEARED NORTHEASTERLY. THE COUNTRY ROCKS ARE BELIEVED TO BE GREENSTONES AND MINOR METASEDIMENTS OF SIMILAR AGE CACHE CREEK GROUP. SEVERAL MAGNETIC ANOMALIES DETECTED THAT MAY REPRESENT ULTRAMAFICS. SOME STRONG ELECTROMAGNETIC CONDUCTORS THAT COULD BE FAULTS.

WORK DONE: MAGG 22.4 KM
EMGR 22.4 KM;VLF
LINE 22.4 KM
REFERENCES: A.R. 14648

LAKE VIEW, WHITE STAR, BOULDER CREEK

MINING DIV: ATLIN ASSESSMENT REPORT 14184 INFO CLASS 3
LOCATION: LAT. 59 39.0 LONG. 133 23.0 NTS: 104N/11W
CLAIMS: B-2, B-5, B-6, B-7, B-8, BEFORE, GDC 2, YAM 1-3
OPERATOR: CREAM SILVER MINES
AUTHOR: CANDY, C. FREEZE, J.
COMMODITIES: GOLD, SILVER, COPPER, LEAD, ZINC, ANTIMONY, TUNGSTEN
DESCRIPTION: THE INDUCED POLARIZATION RESULTS WERE NOISY IN THE NORTHERN AREA DUE TO A BASALT AND SCORIA COVER. IN THE WESTERN AREA TWO NARROW ANOMALIES STRIKING NORTHEAST IN ALASKITE PROBABLY REPRESENT SHEAR ZONES. THREE BROAD ANOMALIES IN THE SOUTH OCCUR IN CACHE CREEK METASEDIMENTARY ROCKS.
WORK DONE: IPOL 13.0 KM
REFERENCES: A.R. 10481,11495,13133,14184
M.I. 104N 009-LAKE VIEW,104N 010-WHITE STAR,
104N 011-BOULDER CREEK
EXPL. IN B.C., 1984, P. 403

LAKE VIEW

MINING DIV: ATLIN ASSESSMENT REPORT 15189 INFO CLASS 3
LOCATION: LAT. 59 37.9 LONG. 133 27.1 NTS: 104N/11W 104N/12E
CLAIMS: GDC 2, GDC 5, YAM 1-3, MAY 1-21
OPERATOR: CREAM SILVER MINES
AUTHOR: GONZALEZ, R.
COMMODITIES: GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PENNSYLVANIAN-PERMIAN CACHE CREEK GROUP VOLCANICS AND SEDIMENTS INTRUDED BY ULTRAMAFICS. MINERALIZATION APPEARS TO CONSIST OF GOLD BEARING QUARTZ VEIN STOCKWORKS HOSTED IN

CARBONATIZED ULTRAMAFICS. THE GEOPHYSICAL SURVEY CONFIRMED THE PRESENCE OF NARROW, NORTHEAST TRENDING MAGNETIC ANOMALIES.

WORK DONE: GEOL 1:2500
MAGG 29.5 KM
EMGR 1.2 KM;VLF
SOIL 150;MULTIELEMENT
ROCK 19;MULTIELEMENT
LINE 30.0 KM
ROAD 0.5 KM

REFERENCES: A.R. 10481,11495,13133,14184,14438,15189
M.I. 104N 009-LAKE VIEW

O

MINING DIV: ATLIN ASSESSMENT REPORT 15253 INFO CLASS 3
LOCATION: LAT. 59 36.7 LONG. 133 21.5 NTS: 104N/11W
CLAIMS: O-1, O-3, O-5
OPERATOR: EZEKIEL EX.
AUTHOR: CUNNINGHAM, L.

DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PERMIAN-PENNSYLVANIAN CACHE CREEK GROUP METASEDIMENTS AND VOLCANICS INTRUDED BY PENNSYLVANIAN AND PERMIAN ULTRAMAFICS AND A CRETACEOUS ALASKITE STOCK. THE ULTRAMAFICS ARE EXTENSIVELY CARBONATIZED OR SERPENTINIZED. GEOPHYSICAL SURVEY RESULTS IDENTIFIED VLF ELECTROMAGNETIC CONDUCTORS. SOIL GEOCHEMISTRY RESULTS ARE INCONCLUSIVE.

WORK DONE: MAGG 29.0 KM
EMGR 18.5 KM;VLF
SOIL 115;MULTIELEMENT
ROCK 4;MULTIELEMENT

REFERENCES: A.R. 10623,12622,15253

SHUKSAN

MINING DIV: ATLIN ASSESSMENT REPORT 15062 INFO CLASS 3
LOCATION: LAT. 59 31.2 LONG. 133 29.1 NTS: 104N/11W 104N/12E
CLAIMS: HOLES 1-8, SHUKSAN 4, SHUKSAN 1
OPERATOR: PLACER DEV.
AUTHOR: BOYCE, R.
COMMODITIES: GOLD

DESCRIPTION: A TONGUE OF SERPENTINIZED ULTRAMAFIC ROCK OF PERMO-PENNSYLVANIAN ATLIN INTRUSION EXTENDS NORTHEASTERLY FROM THE ULTRAMAFIC BODY ON UNION MOUNTAIN. LOCALLY THE ROCKS ARE INTENSELY CARBONATE-ALTERED AND CUT BY SHEAR ZONES THAT

STRIKE NORTHEASTERLY. THE COUNTRY ROCKS ARE BELIEVED TO BE GREENSTONE AND MINOR METASEDIMENTS OF THE CACHE CREEK GROUP.
WORK DONE: SOIL 83;MULTIELEMENT
ROTD 175.3 M;8 HOLES
ROCK 45;MULTIELEMENT
REFERENCES: A.R. 10502,11138,11511,13410,15062
M.I. 104N 098-SHUKSAN

SPRUCE CREEK

MINING DIV: ATLIN ASSESSMENT REPORT 14801 INFO CLASS 3
LOCATION: LAT. 59 33.5 LONG. 133 32.4 NTS: 104N/11W 104N/12E
CLAIMS: P.L. 681, P.L. 790, P.L. 984, P.L. 985, P.L. 1777
P.L. 1780, P.L. 6714, P.L. 9278, P.L. 13257
OPERATOR: NOLAN MINES
AUTHOR: MARK, D.
COMMODITIES: PLACER GOLD
DESCRIPTION: THE PLACER LEASES ARE UNDERLAIN BY CACHE CREEK SEDIMENTS AND VOLCANICS, (PENNSYLVANIAN AND PERMIAN AGE), PROBABLY PRIMARILY VOLCANICS. THE OVERBURDEN IS GLACIAL TILL AND FLUVIAL SANDS AND GRAVELS. THE SEISMIC REFRACTION SURVEY EXTENDED THE SPRUCE CREEK TERTIARY AGE PLACER CHANNEL.
WORK DONE: SEIS 4.2 KM
REFERENCES: A.R. 4843
M.I. 104N 034-SPRUCE CREEK

SPRUCE CREEK

MINING DIV: ATLIN ASSESSMENT REPORT 15352 INFO CLASS 4
LOCATION: LAT. 59 33.5 LONG. 133 32.4 NTS: 104N/11W 104N/12E
CLAIMS: P.L. 984, P.L. 985, P.L. 1715, P.L. 1777, P.L. 1910
P.L. 2570, P.L. 6714, P.L. 9278, P.L. 10318
OPERATOR: WILSON CREEK PLACER
AUTHOR: MARK, D.
COMMODITIES: PLACER GOLD
DESCRIPTION: THE PLACER LEASES ARE UNDERLAIN BY PERMIAN-PENNSYLVANIAN CACHE CREEK GROUP SEDIMENTS AND VOLCANICS. THE SEISMIC REFRACTION SURVEY HAS REFLECTED AND DELINEATED THE KNOWN SPRUCE CREEK TERTIARY PLACER CHANNEL EXTENDING IT UPSTREAM (EASTERLY) 1.2 KILOMETRES BEYOND KNOWN UNDERGROUND WORKINGS.
WORK DONE: SEIS 4.2 KM
REFERENCES: A.R. 4551,4843,14801,15352
M.I. 104N 034-SPRUCE CREEK

S

MINING DIV: ATLIN ASSESSMENT REPORT 15254 INFO CLASS 3
LOCATION: LAT. 59 33.9 LONG. 133 34.5 NTS: 104N/12E
CLAIMS: S-1, S-2
OPERATOR: EZEKIEL EX.
AUTHOR: CUNNINGHAM, L.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PERMIAN-PENNSYLVANIAN CACHE CREEK GROUP METASEDIMENTS AND METAVOLCANICS INTRUDED BY PENNSYLVANIAN - PERMIAN ULTRAMAFICS. SOIL GEOCHEMISTRY AND GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.
WORK DONE: MAGG 3.0 KM
SOIL 178;MULTIELEMENT
ROCK 4;MULTIELEMENT
REFERENCES: A.R. 12283,13774,13910,13925,15254

LINCOLN CREEK

MINING DIV: ATLIN ASSESSMENT REPORT 14688 INFO CLASS 3
LOCATION: LAT. 59 51.0 LONG. 133 1.1 NTS: 104N/14E
CLAIMS: P.L. 5987
OPERATOR: VROOM, J.
AUTHOR: KIERANS, M.
COMMODITIES: PLACER GOLD
DESCRIPTION: THE PLACER DEPOSIT SECTION CONSISTS OF APPROXIMATELY 5 METRES OF SURFACE GRAVELS WITH ERRATIC GOLD VALUES, 23 METRES OF BLACK CLAY FORMATION - NON-COMMERCIAL, 12 METRES OF COARSE SAND FORMATION - POSSIBLY COMMERCIAL, AND 20 METRES OF TAN CLAY FORMATION - NON-COMMERCIAL.
WORK DONE: BHDR 317.0 M;8 HOLES
SAMP 129;AU
ROAD 12.0 KM
REFERENCES: A.R. 12388,14688
M.I. 104N 022-LINCOLN CREEK

LINCOLN CREEK

MINING DIV: ATLIN ASSESSMENT REPORT 14874 INFO CLASS 3
LOCATION: LAT. 59 51.0 LONG. 133 1.1 NTS: 104N/14E
CLAIMS: P.L. 5854
OPERATOR: VROOM, J.
AUTHOR: KIERANS, M.
COMMODITIES: PLACER GOLD
DESCRIPTION: DRILLING RESULTS INDICATE THE FOLLOWING PLACER DEPOSIT SECTION AT THE OLD GIERKE SHAFT: APPROXI-

MATELY THREE METRES OF SURFACE GRAVELS WITH ERRATIC GOLD VALUES FOLLOWED BY THREE METRES OF NON-COMMERCIAL BLACK CLAY, TEN METRES OF COARSE SAND WITH POSSIBLY GOOD GOLD VALUES, TWENTY-THREE METRES OF COARSE SAND WITH LOW GOLD VALUES, AND A BARREN TAN CLAY FORMATION TO BEDROCK.
WORK DONE: PERD 276.6 M;9 HOLES
REFERENCES: A.R. 12388,14688,14874
M.I. 104N 022-LINCOLN CREEK

JENNINGS RIVER 1040

AMY

MINING DIV: LIARD ASSESSMENT REPORT 14788 INFO CLASS 3
LOCATION: LAT. 59 55.8 LONG. 130 29.5 NTS: 1040/15E 1040/16W
CLAIMS: FLO 1, FLO 2, RANCH FR., CUB, ROX
OPERATOR: REG RES.
AUTHOR: MEDFORD, G.
COMMODITIES: SILVER, ZINC, LEAD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY SEDIMENTS OF THE CAMBRIAN ATAN OR KECHIKA GROUP. GALENA, TETRAHEDRITE, SPHALERITE AND PYRRHOTITE OCCUR AS A REPLACEMENT ZONE IN LIMESTONE ALONG A LIMESTONE-ARGILLITE CONTACT. DRILL RESULTS DID NOT ENCOUNTER ANY MINERALIZATION.
WORK DONE: EMGR 1.1 KM;HLEM
DIAD 358.4 M;3 HOLES,NQ
REFERENCES: A.R. 44,734,3566,6798,7539,10066,11997,14788
M.I. 1040 004-AMY

JUNE

MINING DIV: LIARD ASSESSMENT REPORT 14516 INFO CLASS 3
LOCATION: LAT. 59 53.0 LONG. 130 13.0 NTS: 1040/16E
CLAIMS: JUNE 1
OPERATOR: ABS RES.
AUTHOR: CHRISTOPHER, P.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY THE SYLVESTER GROUP CONSISTING OF SEDIMENTARY AND ULTRAMAFIC ROCKS. THE SURVEY RESULTS ARE DISCOURAGING.
WORK DONE: GEOL 1:5000

MAGG 14.0 KM
EMGR 14.0 KM;VLF
SOIL 462;AG,PB,ZN
REFERENCES: A.R. 12060,14516

JANE

MINING DIV: LIARD ASSESSMENT REPORT 14856 INFO CLASS 3
LOCATION: LAT. 59 56.0 LONG. 130 27.5 NTS: 1040/16W
CLAIMS: JANE, SILVERCUP 1
OPERATOR: REG RES.
AUTHOR: MEDFORD, G.
DESCRIPTION: THE CLAIMS APPEAR TO BE UNDERLAIN BY CAMBRIAN-SILURIAN METASEDIMENTS OF THE ATAN OR KECHIKA GROUP. THE DRILL PROGRAM TESTED COINCIDENT SOIL AND GEOPHYSICAL ANOMALIES AND INTERSECTED GRAPHITIC ARGILLITES WITHIN A DOLOMITE SEQUENCE.
WORK DONE: MAGG 5.2 KM
EMGR 5.2 KM;HLEM
SOIL 132;PB,ZN,AG
DIAD 231.3 M;4 HOLES,NQ
REFERENCES: A.R. 14856

SILVERKNIFE

MINING DIV: LIARD ASSESSMENT REPORT 14737 INFO CLASS 2
LOCATION: LAT. 59 56.3 LONG. 130 21.7 NTS: 1040/16W
CLAIMS: SILVERKNIFE 1-2
OPERATOR: REG RES.
AUTHOR: MEDFORD, G.
COMMODITIES: SILVER, LEAD, ZINC, GOLD
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY LIMESTONE, GRAPHITIC SILTSTONE, PHYLLITES AND GRAPHITIC SANDSTONE-LIMESTONE OF THE CAMBRIAN-ORDOVICIAN KECHIKA GROUP OVERLAIN BY DEVONIAN MCDAME DOLOMITIC SANDSTONE AND DOLOMITE. MINERALIZATION IS REPLACEMENT TYPE IN FRACTURES IN KECHIKA GROUP LIMESTONES AND CONSISTS OF SPHALERITE AND GALENA. THE MINERALIZED ZONE STRIKES 246 DEGREES, DIPS 65 DEGREES NORTHWEST, IS UP TO 10 METRES THICK AND EXTENDS 150 METRES DOWN DIP.
WORK DONE: EMGR 19.0 KM;HLEM
SOIL 900;PB,ZN,AG
DIAD 2344.7 M;30 HOLES,NQ
SAMP 225;AG,PB,ZN,AU,SN
REFERENCES: A.R. 14737

M.I. 1040 048-SILVERKNIFE

SUE

MINING DIV: LIARD ASSESSMENT REPORT 14348 INFO CLASS 3
LOCATION: LAT. 59 59.5 LONG. 130 23.0 NTS: 1040/16W
CLAIMS: SUE 1-2
OPERATOR: MIKADO RES.
AUTHOR: DARNEY, R. CAULFIELD, D.
COMMODITIES: TUNGSTEN
DESCRIPTION: THE SUE CLAIMS ARE UNDERLAIN BY A SUCCESSION OF PALEOZOIC SEDIMENTS RANGING FROM THE CAMBRIAN ATAN GROUP TO DEVONIAN MCDAME GROUP LIMESTONES. THESE UNITS ARE IN CONTACT WITH THE CASSIAR BATHOLITH TO THE WEST AND THE SYLVESTER GROUP TO THE EAST AND SOUTH. THREE TYPES OF MINERALIZATION HAVE BEEN FOUND TO DATE: (1) TUNGSTEN SKARNS IN THE SANDPILE GROUP DOLOMITES; (2) SILVER-LEAD-ZINC GOSSANOUS ZONES IN THE MCDAME GROUP LIMESTONE; AND (3) SILVER-LEAD MINERALIZATION IN A QUARTZITE BRECCIA.
WORK DONE: GEOL 1;5000
SOIL 294;PB,ZN,AG
SILT 7;PB,ZN,AG
ROCK 60;MULTIELEMENT
LINE 13.2 KM
TREN 182.4 M;7 TRENCHES
REFERENCES: A.R. 14348
M.I. 1040 032-SUE

MCDAME 104P

EAGL

MINING DIV: LIARD ASSESSMENT REPORT 15150 INFO CLASS 3
LOCATION: LAT. 59 3.2 LONG. 129 27.2 NTS: 104P/ 3W
CLAIMS: EAGL 1-2
OPERATOR: CASAU EX.
AUTHOR: HEAGY, A.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY SHALE AND MINOR CHERT ARENITE WHICH ARE OVERLAIN BY ANDESITIC TUFFS AND MINOR SERPENTINITE, ALL OF THE DEVONIAN-MISSISSIPPIAN SYLVESTER GROUP. GEOPHYSICAL SURVEY RESULTS ARE INCONCLUSIVE.

WORK DONE: MAGG 31.7 KM
EMGR 46.3 KM;VLF
LINE 31.7 KM
REFERENCES: A.R. 12218,12495,15150

CORDOBA

MINING DIV: LIARD ASSESSMENT REPORT 15240 INFO CLASS 1
LOCATION: LAT. 59 12.0 LONG. 129 41.0 NTS: 104P/ 4E
CLAIMS: P.B. 1 FR. E., CORDOBA, HIGH
OPERATOR: ERICKSON GOLD MIN.
AUTHOR: BORONOWSKI, A.
COMMODITIES: GOLD, SILVER, ZINC, COPPER
DESCRIPTION: AURIFEROUS QUARTZ VEINS WHICH AVERAGE 1-2 METRES IN THICKNESS ARE HOSTED WITHIN SHEAR ZONES IN DEVONIAN-MISSISSIPPIAN SYLVESTER GROUP VOLCANICS AND SEDIMENTARY ROCKS. ADDITIONAL DRILLING IS RECOMMENDED TO FURTHER DELINEATE QUARTZ VEIN STRUCTURES.
WORK DONE: DIAD 4385.3 M;40 HOLES,BQ
SAMP 666;AU,AG
REFERENCES: A.R. 8634,13800,14844,15240
M.I. 104P 070-CORDOBA

CORDOBA

MINING DIV: LIARD ASSESSMENT REPORT 15275 INFO CLASS 2
LOCATION: LAT. 59 12.0 LONG. 129 41.0 NTS: 104P/ 4E
CLAIMS: CORDOBA
OPERATOR: ERICKSON GOLD MIN.
AUTHOR: DUSSELL, E. BORONOWSKI, A.
COMMODITIES: GOLD, SILVER, ZINC, COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER PALEOZOIC METAVOLCANICS, CHERTS AND ALTERED ULTRAMAFICS (LISTWANITE) OF THE SYLVESTER GROUP. AURIFEROUS QUARTZ VEINS COMMONLY OCCUR BENEATH THE LISTWANITE WITHIN THE METAVOLCANICS. THE LISTWANITE-VOLCANIC CONTACT IS A FAULT-BOUNDED CONTACT AND THE VEINS HAVE BEEN EMPLACED WITHIN SHEAR ZONES. THE DRILLING PROGRAM WAS TO DETERMINE THE LATERAL AND DOWN DIP CONTINUITY OF THE EILEEN VEIN.
WORK DONE: DIAD 1092.5 M;9 HOLES,BQ
SAMP 66;AU,AG
REFERENCES: A.R. 8634,13800,14844,15240,15275
M.I. 104P 070-CORDOBA

CORDOBA

MINING DIV: LIARD ASSESSMENT REPORT 15276 INFO CLASS 1
LOCATION: LAT. 59 12.0 LONG. 129 41.0 NTS: 104P/ 4E
CLAIMS: CORDOBA
OPERATOR: ERICKSON GOLD MIN.
AUTHOR: DUSSELL, E. BORONOWSKI, A.
COMMODITIES: GOLD, SILVER, ZINC, COPPER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY UPPER PALEOZOIC METAVOLCANICS, CHERTS AND ALTERED ULTRAMAFICS (LISTWANITES) OF THE SYLVESTER GROUP. AURIFEROUS QUARTZ VEINS OCCUR COMMONLY BENEATH THE LISTWANITE WITHIN THE METAVOLCANICS. THE LISTWANITE VOLCANIC CONTACT IS A FAULT-BOUNDED CONTACT AND THE QUARTZ VEINS HAVE BEEN EMPLACED WITHIN SHEAR ZONES. THE DRILLING RESULTS ON THE EILEEN VEIN ARE TO PROVIDE INFORMATION FOR TONNAGE AND GRADE ESTIMATES.
WORK DONE: DIAD 5790.7 M;61 HOLES,BQ
SAMP 452;AU,AG
REFERENCES: A.R. 8634,13800,14844,15240,15275,15276
M.I. 104P 070-CORDOBA

ERICKSON

MINING DIV: LIARD ASSESSMENT REPORT 14491 INFO CLASS 3
LOCATION: LAT. 59 13.5 LONG. 129 38.8 NTS: 104P/ 4E
CLAIMS: UP
OPERATOR: ERICKSON GOLD MIN.
AUTHOR: DUSSELL, E.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE CLAIM AREA IS UNDERLAIN BY UPPER PALEOZOIC AGE SYLVESTER GROUP MASSIVE META-BASALTIC TO ANDESITE FLOWS WHICH STRIKE NORTH-NORTHWESTERLY AND DIP MODERATELY TO THE WEST. ZONES OF INTENSE CARBONITIZATION AND EAST-WEST STRIKING QUARTZ VEINS ARE SPATIALLY RELATED TO A MAJOR NORTH-NORTHWESTERLY FAULT. DRILLING WAS FOCUSSED ON THE KELLY VEIN.
WORK DONE: DIAD 315.6 M;4 HOLES,BQ
SAMP 9;AU,AG
REFERENCES: A.R. 5628,5887,6125,6641,7501,7601,14491
M.I. 104P 029-ERICKSON

GO

MINING DIV:	LIARD ASSESSMENT REPORT 15059 INFO CLASS 3
LOCATION:	LAT. 59 14.7 LONG. 129 37.3 NTS: 104P/ 4E 104P/ 5E
CLAIMS:	GO
OPERATOR:	ERICKSON GOLD MIN.
AUTHOR:	BORONOWSKI, A.
DESCRIPTION:	THE CLAIM IS UNDERLAIN BY BASALTIC VOLCANIC FLOWS AND TUFFS OF THE DEVONIAN-MISSISSIPPIAN SYLVESTER GROUP. THE SOIL SURVEY OUTLINED TWO AREAS ANOMALOUS IN GOLD, LEAD, COPPER AND ARSENIC.
WORK DONE:	SOIL 828;MULTIELEMENT LINE 6.9 KM ROAD 3.0 KM TREN 21.0 M;1 TRENCH
REFERENCES:	A.R. 15059

GOLD HILL

MINING DIV:	LIARD ASSESSMENT REPORT 14418 INFO CLASS 3
LOCATION:	LAT. 59 14.4 LONG. 129 40.0 NTS: 104P/ 4E 104P/ 5E
CLAIMS:	MILL
OPERATOR:	ERICKSON GOLD MIN.
AUTHOR:	BORONOWSKI, A. BALL, M.
COMMODITIES:	GOLD, SILVER
DESCRIPTION:	THE CLAIM AREA IS UNDERLAIN BY DEVONIAN-MISSISSIPIAN SYLVESTER GROUP METAVOLCANIC AND METASEDIMENTARY ROCKS. AURIFEROUS QUARTZ VEINS ARE SITUATED PREDOMINANTLY WITHIN THE VOLCANICS. THE QUARTZ VEINS ON THE MILL CLAIMS TREND GENERALLY 070 DEGREES AND RANGE IN LENGTH FROM 50 TO 150 METRES. THE VEINS OCCUR ALONG EN ECHELON FRACTURES. TETRAHEDRITE, PYRITE, CHALCOPYRITE AND FREE GOLD ARE CONTAINED IN THE VEINS. ALTERATION ADJACENT TO VEINS CONSISTS OF CARBONATIZATION, PYRITIZATION AND SILICIFICATION. QUARTZ VEINS WITH TRACE TO LOW GRADE GOLD VALUES WERE INTERSECTED IN THE DRILL HOLES.
WORK DONE:	DIAD 345.7 M;5 HOLES,BQ SAMP 55;AU,AG
REFERENCES:	A.R. 14418 M.I. 104P 017-GOLD HILL

HUNTER

MINING DIV: LIARD ASSESSMENT REPORT 15214 INFO CLASS 4
LOCATION: LAT. 59 10.9 LONG. 129 32.9 NTS: 104P/ 4E
CLAIMS: HUNTER
OPERATOR: CONS. SILVER
AUTHOR: DUNN, D.
COMMODITIES: GOLD, SILVER
DESCRIPTION: GOLD IS ASSOCIATED WITH ARSENOPYRITE IN VEINS AND SELVAGES THAT OCCUR ON A FAULT CONTACT BETWEEN PENNSYLVANIAN-MISSISSIPPIAN SYLVESTER GROUP ARGILLITES AND VOLCANICS, GENERALLY STRIKING NORTHEAST.
WORK DONE: GEOL 1:1000
SAMP 44;ZN,AG,AU
LINE 7.0 KM
ROAD 5.0 KM
TREN 235.0 M;17 TRENCHES
REFERENCES: A.R. 9754,15214
M.I. 104P 034-HUNTER

PETE

MINING DIV: LIARD ASSESSMENT REPORT 14844 INFO CLASS 3
LOCATION: LAT. 59 9.6 LONG. 129 40.0 NTS: 104P/ 4E
CLAIMS: PETE
OPERATOR: ERICKSON GOLD MIN.
AUTHOR: BORONOWSKI, A.
COMMODITIES: GOLD, SILVER, ZINC, COPPER
DESCRIPTION: THE CLAIM IS UNDERLAIN BY UPPER PALEOZOIC METAVOLCANICS, CHERTS, AND ALTERED ULTRAMAFICS (LISTWWANITE) OF THE SYLVESTER GROUP. A THRUST FAULT MARKS THE CONTACT BETWEEN THE SEDIMENTS AND VOLCANICS. THE QUARTZ VEINS AND LISTWANITES ARE NORMALLY LOCATED ALONG THIS CONTACT. THE DRILL HOLES DID NOT INTERSECT ANY SIGNIFICANT MINERALIZATION DOWN DIP OR ALONG STRIKE FROM THE EASTERN MOST TRENCH ON THE PETE VEIN.
WORK DONE: DIAD 273.4 M;7 HOLES,BQ
SAMP 12;AU,AG
REFERENCES: A.R. 8634,13800,14844
M.I. 104P 025-PETE

PIN

MINING DIV: LIARD ASSESSMENT REPORT 14400 INFO CLASS 4
LOCATION: LAT. 59 9.0 LONG. 129 44.0 NTS: 104P/ 4E
CLAIMS: PIN
OPERATOR: ERICKSON GOLD MIN.
AUTHOR: SMIT, H.
DESCRIPTION: THE PIN CLAIM IS UNDERLAIN BY MISSISSIPPIAN TO PENNSYLVANIAN SYLVESTER GROUP METAVOLCANICS (ANDESITIC TO BASALTIC FLOWS AND TUFFS). THESE VOLCANICS HOST QUARTZ VEINS WITH CARBONATE ALTERATION ENVELOPES SIMILAR TO QUARTZ VEINS NORTHEAST OF THE CLAIM WHICH ARE GOLD-SILVER BEARING. THE GEOCHEMICAL SURVEY OUTLINED THREE AREAS WITH ANOMALOUS MULTIELEMENT SOIL VALUES.
WORK DONE: SOIL 75,MULTIELEMENT
LINE 4.6 KM
REFERENCES: A.R. 14400

ROCKY RIDGE

MINING DIV: LIARD ASSESSMENT REPORT 14370 INFO CLASS 4
LOCATION: LAT. 59 15.0 LONG. 129 40.0 NTS: 104P/ 4E 104P/ 5E
CLAIMS: LU FR., DIANE FR., KATIE 5-6 FR., PANDA, WING GOLD 1-2
OPERATOR: ERICKSON GOLD MIN.
AUTHOR: SMIT, H. DUSSELL, E.
COMMODITIES: GOLD
DESCRIPTION: THE AREA IS UNDERLAIN BY UPPER DEVONIAN TO LOWER MISSISSIPPIAN SYLVESTER GROUP METAVOLCANICS AND ARGILLITE. METASOMATICALLY ALTERED ULTRAMAFICS (LISTWANITE) OCCUR IN THE AREA. THE METAVOLCANICS ARE MEDIUM GREEN, CHLORITE RICH ANDESITES THAT HAVE BEEN METAMORPHOSED TO GREENSCHIST FACIES. CARBONATE ALTERATION IS COMMONLY ASSOCIATED WITH QUARTZ VEINS AND STRINGERS. THE SURVEY LINES WERE TOO WIDELY SPACED TO PROVIDE A MAGNETIC ANOMALY INTERPRETATION.
WORK DONE: GEOL 1:2500
MAGG 1.8 KM
REFERENCES: A.R. 6020,7809,10249,14370
M.I. 104P 016-ROCKY RIDGE

VOLLAUG

MINING DIV: LIARD ASSESSMENT REPORT 15091 INFO CLASS 3
LOCATION: LAT. 59 12.7 LONG. 129 38.3 NTS: 104P/ 4E
CLAIMS: WILDCAT 12, WILDCAT 14, TED FR.
OPERATOR: ERICKSON GOLD MIN.
AUTHOR: BORONOWSKI, A.
COMMODITIES: SILVER, GOLD
DESCRIPTION: NORMALLY, THE VAULLAUG VEIN LIES ABOVE THE LISTWANITE AT THE ARGILLITE LISTWANITE-VOLCANIC CONTACT. IN THE VICINITY OF TABLE MOUNTAIN, SEDIMENTARY ROCKS REST STRATIGRAPHICALLY ABOVE A THICK VOLCANIC PILE WITH INTERBEDDED CHERT. THE CONTACT BETWEEN THE BASAL MEMBER, BLACK ARGILLITE AND THE VOLCANICS IS APPARENTLY A THRUST FAULT. THE ROCKS ARE OF LOWER DEVONIAN TO MISSISSIPPIAN AGE. GOLD AND SILVER MINERALIZATION IS WITHIN QUARTZ VEINS.
WORK DONE: DIAD 886.7 M;5 HOLES,BQ
SAMP 17;AU,AG
REFERENCES: A.R. 4869,5347,5628,5887,6125,7501,7601,7816,12613,13205,14128,14168,15091
M.I. 104P 019-VOLLAUG

VOLLAUG

MINING DIV: LIARD ASSESSMENT REPORT 15249 INFO CLASS 2
LOCATION: LAT. 59 12.8 LONG. 129 38.5 NTS: 104P/ 4E
CLAIMS: JENNIE EXT. 4, FG 1-2, SUN, UP, HURRICANE 3-4
OPERATOR: ERICKSON GOLD MIN.
AUTHOR: BORONOWSKI, A.
COMMODITIES: GOLD, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY DEVONIAN-MISSISSIPPIAN SYLVESTER GROUP VOLCANICS AND SEDIMENTARY ROCKS. FLAT LYING GOLD BEARING QUARTZ VEINS (1-2 METRES WIDE) ARE EMPLACED ALONG AN ARGILLITE-LISTWANITE-VOLCANIC CONTACT WHILE VERTICAL QUARTZ VEIN STRUCTURES OCCUR WITHIN VOLCANICS. THE ADJACENT HOST ROCKS DISPLAY INTENSE CARBONATE PLUS/MINUS GRAPHITE AND PYRITE ALTERATION. ECONOMICALLY INTERESTING INTERSECTIONS WERE IDENTIFIED ON THE VOLLAUG VEIN.
WORK DONE: DIAD 2601.4 M;31 HOLES,BQ
SAMP 290;AU,AG
REFERENCES: A.R. 5628,5887,6125,7501,7601,7816,12613,14168,14491,15249
M.I. 104P 019-VOLLAUG

BEAVER

MINING DIV: LIARD ASSESSMENT REPORT 14172 INFO CLASS 3
LOCATION: LAT. 59 19.5 LONG. 129 30.0 NTS: 104P/ 5E
CLAIMS: BEAVER
OPERATOR: ERICKSON GOLD MIN.
AUTHOR: SMIT, H. SOMERVILLE, R.
DESCRIPTION: THE BEAVER CLAIM LIES ON THE CONTACT BETWEEN THE SYLVESTER ALLOCTHON OF UPPER MISSISSIPPIAN TO PENNSYLVANIAN METASEDIMENTARY AND METAVOLCANIC ROCKS AND OLDER CARBONATES AND CARBONATE-RICH SEDIMENTS. A NUMBER OF SMALL PYRITE-GALENA-SPHALERITE-STIBNITE REPLACEMENT PODS OCCUR WITHIN THE CARBONATE UNITS.
WORK DONE: SOIL 114;MULTIELEMENT
PROS 1:5000
LINE 5.9 KM
REFERENCES: A.R. 5121,14172

ELAN

MINING DIV: LIARD ASSESSMENT REPORT 14375 INFO CLASS 2
LOCATION: LAT. 59 16.7 LONG. 129 44.3 NTS: 104P/ 5E 104P/ 5W
CLAIMS: ELAN 2, DK 1
OPERATOR: ERICKSON GOLD MIN.
AUTHOR: DUSSELL, E. SOMERVILLE, R.
COMMODITIES: GOLD, SILVER, COPPER, ZINC
DESCRIPTION: THE ELAN PROPERTY IS SITUATED WITHIN THE SYLVESTER ALLOCTHON, A FAULT-BOUND ASSEMBLAGE OF UPPER PALEOZOIC ROCKS THRUST OVER STRATA AUTOCHTHONOUS TO THE NORTH AMERICAN CRATON. THE CLAIMS ARE UNDERLAIN BY SYLVESTER GROUP VOLCANICS, CLASTIC SEDIMENTARY ROCKS, CHERT, AND AN ALTERED ULTRAMAFIC TERMED LISTWANITE. EAST-WEST TRENDING QUARTZ VEINS MINERALIZED WITH CHALCOPYRITE, SPHALERITE, TETRAHEDRITE, PYRITE, MALACHITE, AZURITE, NATIVE GOLD AND SILVER OCCUR IN SEDIMENTS NEAR ULTRAMAFIC INTRUSIONS AND ARE LOCALIZED IN FAULT AND DILATENT ZONES.
WORK DONE: GEOL 1:5000,1:1000,1:500
SOIL 2416;AU,AG
ROCK 131;AU,AG
LINE 25.9 KM
TREN 600.0 M;9 TRENCHES
REFERENCES: A.R. 12490,13056,14375
M.I. 104P 075-ELAN

GOLDBREAK

MINING DIV: LIARD ASSESSMENT REPORT 15388 INFO CLASS 3
LOCATION: LAT. 59 26.0 LONG. 129 32.9 NTS: 104P/ 5E
CLAIMS: GOLDBREAK 12
OPERATOR: CLAIMER RES.
AUTHOR: DISPIRITO, F. GRAHAM, J.
DESCRIPTION: THE CLAIM IS UNDERLAIN BY LOWER TO MIDDLE CAMBRIAN ATAN GROUP SEDIMENTARY ROCKS COMPOSED OF LIMESTONE AND QUARTZITE UNITS WITH MINOR SILTSTONE AND SLATE WHICH OCCUPY THE SOUTHWESTERN LIMB OF A MAJOR ANTICLINE. MINERALIZATION CONSISTS OF CHALCOPYRITE ASSOCIATED WITH QUARTZ-CARBONATE IN BRECCIATED SHEAR ZONES. ANOMALOUS RESULTS WERE IDENTIFIED FROM THE GEOCHEMICAL AND GEOPHYSICAL SURVEYS.

WORK DONE:		
	GEOL	1:5000
	MAGG	53.7 KM
	EMGR	53.7 KM;VLF
	EMAB	100.2 KM;VLF
	MAGA	100.2 KM
	SOIL	271;MULTIELEMENT
	ROCK	42;MULTIELEMENT
	PETR	6 THIN SECTIONS
	LINE	59.7 KM

REFERENCES: A.R. 15388

HALL

MINING DIV: LIARD ASSESSMENT REPORT 15215 INFO CLASS 3
LOCATION: LAT. 59 15.7 LONG. 129 33.0 NTS: 104P/ 5E
CLAIMS: OTTO 1, HALL 1
OPERATOR: ERICKSON GOLD MIN.
AUTHOR: BORONOWSKI, A.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY DEVONIAN-MISSISSIPPIAN SYLVESTER GROUP METAVOLCANICS WITH SMALL DIORITE DYKES AND PLUGS. THE METAVOLCANICS AND DIORITE HOST NARROW, DISCONTINUOUS QUARTZ-CARBONATE VEINS. SOIL GEOCHEMISTRY RETURNED ANOMALOUS GOLD, ARSENIC AND BARIUM VALUES.

WORK DONE:		
	SOIL	980;MULTIELEMENT
	LINE	7.6 KM

REFERENCES: A.R. 14371,15215

JOAB

MINING DIV: LIARD ASSESSMENT REPORT 15396 INFO CLASS 3
LOCATION: LAT. 59 17.8 LONG. 129 45.5 NTS: 104P/ 5E 104P/ 5W
CLAIMS: JOAB, DEE 2
OPERATOR: ERICKSON GOLD MIN.
AUTHOR: SMIT, H.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY VOLCANICS, SEDIMENTS AND ULTRAMAFICS OF THE DEVONIAN-MISSISSIPPIAN SYLVESTER GROUP. NO SIGNIFICANT GOLD OR SILVER BEARING QUARTZ VEINS WERE ENCOUNTERED IN DRILL CORE.
WORK DONE: DIAD 313.0 M;4 HOLES,NQ
SAMP 40;AU,AG
REFERENCES: A.R. 12490,13056,14375,15396

OTTO

MINING DIV: LIARD ASSESSMENT REPORT 14371 INFO CLASS 3
LOCATION: LAT. 59 15.0 LONG. 129 35.0 NTS: 104P/ 5E 104P/ 5E
CLAIMS: KITT 1, OTTO 1
OPERATOR: ERICKSON GOLD MIN.
AUTHOR: DUSSELL, E.
DESCRIPTION: METASEDIMENTS, METAVOLCANICS, DIORITE AND SERPENTINITE OF THE SYLVESTER GROUP OCCUR ON THE CLAIMS. THE VOLCANICS CONTAIN LOCAL PORPHYRITIC TEXTURES AND FLOW BANDING. PROPYLITIC, CARBONATE AND SILICA ALTERATION ARE COMMON. QUARTZ-CARBONATE VEINS OCCUR WITHIN THE METAVOLCANICS AND DIORITE. THE VEINS GRADE FROM WHITE AND MASSIVE IN THE VEIN CENTRE TO VEIN BRECCIA AT THE MARGINS. NO SIGNIFICANT MINERALIZATION WAS DISCOVERED. THE SOIL GEOCHEMICAL SURVEY RETURNED SPOTTY ELEVATED VALUES OF GOLD AND SILVER. THE GEOPHYSICAL SURVEY CONTAINED WIDELY SPACED LINES MAKING A MAGNETIC INTERPRETATION DIFFICULT.
WORK DONE: GEOL 1:1000
MAGG 2.5 KM
SOIL 236;AU,AG
LINE 2.5 KM
REFERENCES: A.R. 14371

ZUS, MOON

MINING DIV: LIARD ASSESSMENT REPORT 14649 INFO CLASS 2
LOCATION: LAT. 59 25.0 LONG. 129 46.0 NTS: 104P/ 5E 104P/ 5W
CLAIMS: TANYA 1-5, TANYA 7-9, TEKLA, TAKLEA 1, TAKLEA 3
OPERATOR: BRINCO MIN.
AUTHOR: LYN, I. COOPER, G.
COMMODITIES: ASBESTOS
DESCRIPTION: MUCH OF THE AREA COVERED BY THE TANYA, LONGHURST AND MOON GROUPS IS UNDERLAIN BY DEVONIAN TO PERMIAN AGE ULTRAMAFICS, CHERTS, GREENSTONES AND ARGILLITES OF THE SYLVESTER GROUP. CHRYSOLITE APPEARS IN TWO MANNERS ON THE PROPERTY, AS WIDESPREAD, VERY LOW GRADE, VEINS DISTRIBUTED WITHIN A FEW HUNDRED METRES AT THE CONTACT OF THE ULTRAMAFIC AND AS VERY LOCAL OCCURRENCES OF HIGH GRADE VEINS NEAR SOME DYKES.
WORK DONE: GEOL 1:5000
MAGG 92.0 KM
PERD 1632.7 M;18 HOLES
ROAD 7.0 KM
REFERENCES: A.R. 8607,10818,11324,14649
M.I. 104P 002-ZUS;104P 036-MOON

SECOND NORTH FORK

MINING DIV: LIARD ASSESSMENT REPORT 14847 INFO CLASS 3
LOCATION: LAT. 59 18.5 LONG. 129 22.8 NTS: 104P/ 6W
CLAIMS: JUDO 1-2
OPERATOR: COLONY PACIFIC EX.
AUTHOR: HALL, B.
COMMODITIES: LEAD, ZINC, SILVER
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY SEDIMENTS OF THE LOWER CAMBRIAN ATAN GROUP. MINERALIZATION CONSISTING OF GALENA, SPHALERITE AND PYRITE OCCURS IN A GANGUE OF STOCKWORK CALCITE VEINS.
WORK DONE: GEOL 1:2000,1:1000
MAGG 11.7 KM
EMGR 11.7 KM;VLF
SOIL 274;MULTIELEMENT
ROCK 14;MULTIELEMENT
LINE 11.7 KM
REFERENCES: A.R. 13688,14847
M.I. 104P 065-SECOND NORTH FORK

KLEHINI RIVER

MINING DIV: ATLIN ASSESSMENT REPORT 14210 INFO CLASS 3
LOCATION: LAT. 59 30.0 LONG. 136 35.0 NTS: 114P/ 7E 114P/10E
CLAIMS: KR 1-11
OPERATOR: NORANDA EX.
AUTHOR: SAVELL, M.
DESCRIPTION: THE PROPERTY IS UNDERLAIN BY ROCKS OF THE ALEXANDER TERRANE WHICH INCLUDE UPPER PALEOZOIC CARBONATES AND GREENSTONES, TERTIARY SHALES AND VOLCANICS, WHICH HAVE BEEN INTRUDED BY TERTIARY GRANITES AND DIORITE OF UNCERTAIN AGE. SIGNIFICANT GOLD VALUES HAVE BEEN FOUND IN QUARTZ VEINS WHICH ARE FOUND IN THE DIORITE. THEY ARE TYPICALLY VERY LOW IN SULPHIDES, HAVE HIGH GOLD TO SILVER RATIOS, AND MAY OCCUPY FAULT ZONES.
WORK DONE: GEOL 1:5000
SOIL 524;MULTIELEMENT
SILT 20;MULTIELEMENT
SAMP 148;AU,AG,CU
TOPO 1:5000
TREN 10.0 M;1 TRENCH
REFERENCES: A.R. 14210

JARVIS 10

MINING DIV: ATLIN ASSESSMENT REPORT 15135 INFO CLASS 3
LOCATION: LAT. 59 20.0 LONG. 136 35.0 NTS: 114P/ 8W
CLAIMS: JARVIS 10
OPERATOR: STRYKER RES.
AUTHOR: PERKINS, D.
DESCRIPTION: VOLCANIC ROCKS, GENERALLY ANDESITIC TO BASALTIC TUFFS, FLOWS AND AGGLOMERATES WITH OCCASIONAL PILLOWS ARE DOMINANT AND OCCUR INTERBEDDED WITH SEDIMENTS WHICH ARE PROBABLY TURBITE-RELATED. REGIONALLY THE CONTACT BETWEEN PILLOWS, FLOWS AND SEDIMENTS SERVES AS THE FOCUS FOR MINERALIZATION. DRILLING INTERSECTED ANOMALOUS VALUES OF ZINC AND SILVER.
WORK DONE: GEOL 1:2500,1:500
ROCK 385;MULTIELEMENT
DIAD 852.0 M;5 HOLES,NQ
REFERENCES: A.R. 12629,13330,13835,14542,15135

SAM 1, NORTH GLACIER, SAM 3, SAM, MAIN GLACIER

MINING DIV: ATLIN ASSESSMENT REPORT 14639 INFO CLASS 4
LOCATION: LAT. 59 42.5 LONG. 136 53.6 NTS: 114P/10W
CLAIMS: SAM 3-4
OPERATOR: NORANDA EX.
AUTHOR: SAVELL, M.
COMMODITIES: COPPER, ZINC, LEAD, SILVER
DESCRIPTION: THE PROPERTY LIES WITHIN THE ALEXANDER TERRANE OF THE INSULAR BELT, WHICH CONSISTS OF GENERALLY LOW GRADE METAMORPHOSED, PREDOMINANTLY PALEOZOIC LIMY SEDIMENTS AND VOLCANICS. MINERALIZATION OCCURS IN BOULDERS IN A GLACIAL MORAINE AND CONSISTS OF CHALCOPYRITE, SPHALERITE, GALENA, WITH MINOR COVELLITE AND HEMATITE IN A GANGUE OF QUARTZ, DIOPSIDE, EPIDOTE, GARNET AND PLAGIODASE. IT IS PROBABLY OF A SKARN OR THERMAL METAMORPHIC ORIGIN.
WORK DONE: GEOL 1:5000
MAGG 7.4 KM
PETR 7
LINE 8.1 KM
REFERENCES: A.R. 10887,11597,14639
M.I. 114P 047-SAM 1;114P 048-NORTH GLACIER; 114P 049-SAM 3;114P 050-SAM;114P 051-MAIN GLACIER;114P 052-SAM 4

JULIE

MINING DIV: ATLIN ASSESSMENT REPORT 14742 INFO CLASS 3
LOCATION: LAT. 59 59.8 LONG. 137 4.9 NTS: 114P/14E
CLAIMS: JULIE 1, NANCY 1, SNOWCAVE, AVALANCHE 2, MUNCASTER
OPERATOR: ARBOR RES.
AUTHOR: COOKE, D.
DESCRIPTION: THE CLAIMS ARE UNDERLAIN BY PALEOZOIC SEDIMENTS ON THE WEST WHICH ARE IN CONTACT WITH UPPER TRIASSIC VOLCANICS AND SEDIMENTS ON THE EAST. EXTENSIVE AREAS OF SERICITE ALTERATION WITH QUARTZ AND PYRITE VEINING OCCUR MARGINAL TO CRETACEOUS AGE DIORITE STOCKS. SOIL SURVEY RESULTS ARE MARGINALLY ANOMALOUS.
WORK DONE: SOIL 162;MULTIELEMENT
SILT 18;MULTIELEMENT
ROCK 18;MULTIELEMENT
HMIN 11;MULTIELEMENT
REFERENCES: A.R. 13521,14742

COAL EXPLORATION

COAL EXPLORATION

TELKWA COALFIELD

C1 TELKWA

LOCATION: LAT. 54 35 LONG. 127 08 NTS: 93L/11
LICENCES: 4226, 4272, 4274, 4281, 4283, 5305-5307, 6040, 7695, 7696
OWNER: SHELL CAN. RES.
OPERATOR: CROWS NEST RES.
DESCRIPTION: THE AREA IS UNDERLAIN BY ROCKS OF THE SKEENA GROUP. THE COAL OCCURS IN TWO OF FOUR UNITS; IN UNIT ONE, THE LOWEST (MARINE) AND IN UNIT THREE (DELTAIC) THERE APPEARS TO BE LITTLE FAULTING OTHER THAN A NORTHWEST/SOUTHEAST NORMAL FAULT SEPARATING TWO FAULT BLOCKS CONTAINING THE COAL. THE WESTERN BLOCK DIPS 15-35 DEGREES NORTHEAST WHEREAS THE EASTERN BLOCK DIPS 15-25 DEGREES EAST.
WORK DONE: DIAD 353 M;4 HOLES
GAMMA, NEUT, DEV, DEN
REFERENCES: GEOL FIELDWORK 1983-113-121
EXPL. IN B.C. 1983-570; 1984-424

C2 ZYMOETZ RIVER

LOCATION: LAT. 54 49 LONG. 127 45 NTS: 93L/13
LICENCES: 4252-4255, 4257, 7760-7762
OWNER: SHELL CAN. RES.
OPERATOR: CROWS NEST RES.
DESCRIPTION: AT LEAST FIVE COAL SEAMS OCCUR IN THE LICENCE AREA, IN THE LOWER PORTION OF THE SKEENA GROUP OF ROCKS. THE ROCKS DIP TO THE WEST AT AN AVERAGE OF 25 DEGREES. TO THE WEST THEY ARE IN FAULT CONTACT WITH HAZELTON VOLCANICS; TO THE NORTH THEY ARE TRUNCATED BY A HIGH ANGLE FAULT AND TO THE SOUTH AND EAST ARE BORDERED BY THE UNDERLYING HAZELTON ROCKS.
WORK DONE: GEOL 1:5000
DIAD 181 M;2 HOLES
GAMMA, NEUT, DEN
REFERENCES: EXPL. IN B.C. 1983-570; 1984-424
GEOL. FIELDWORK 1983-81-90

GROUNDHOG COALFIELD

C3 MOUNT KLAPPAN

LOCATION: LAT. 57 06 LONG. 128 37 NTS: 104H/2, 3, 6, 7
LAT. 57 23 LONG. 129 15
LICENCES: 7118-7177, 7381-7392, 7416-7432, 7487-7539, 7559-7561, 7714-7757. 8032-8053
OWNER: GULF CAN. RES.
OPERATOR: GULF CAN. RES.
DESCRIPTION: THE MAIN COAL SEAMS OCCUR IN THE TENTATIVELY NAMED MIDDLE KLAPPAN SEQUENCE OF THE UPPER JURASSIC TO LOWER CRETACEOUS SEDIMENTS. THE STRUCTURE IS COMPLEX LARGELY DUE TO A STRONG THRUST FROM THE SOUTHWEST. UPRIGHT OPEN FOLDS OCCUR AND BECOME PROGRESSIVELY OVERTURNED IN THE NORTHWEST.
WORK DONE: DIAD 6146 M;34 HOLES
ROTD 620 M;6 HOLES
TREN 178 M;45 TRENCHES
GAMMA, NEUT, FOC RES, DEV, CAL
REFERENCES: GEOL. FIELDWORK 1983-81-90; 1984-432-351
EXPL. IN B.C. 1983-571; 1984-425

C4 SWEENY

LOCATION: LAT. 57 00 LONG. 129 20 NTS: 104A, H
LICENCES: 8054-8067, 8071-8072
OWNER: ESSO RES. CAN.
OPERATOR: ESSO RES. CAN.
DESCRIPTION: THE PROPERTY IS LOCATED IN THE NORTHEAST SECTION OF THE BOWSER BASIN. THE SEMI-ANTHRACITE OCCURS IN THE CURRIER UNIT OF THE BOWSER LAKE GROUP. THE OVERALL STRUCTURAL TREND IS NORTHWEST/SOUTHEAST.
WORK DONE: GEOL 1:50 000
1:10 000

PEACE RIVER COALFIELD (NORTHEAST BRITISH COLUMBIA)

C5 FIVE CABIN CREEK

LOCATION: LAT. 54 01 LONG. 121 01 NTS: 93I/14E, 15W
LICENCES: 6137, 6138, 6140, 6141
OWNER: SHELL CAN. RES.
OPERATOR: CROWS NEST RES.
DESCRIPTION: THE LICENCE AREA IS UNDERLAIN BY THE CADOMIN, GETHING, MOOSEBAR, GATES, COMMOTION AND SHAFTSBURY FORMATIONS, FOLDED INTO AN ELONGATED ASYMMETRICAL SYNCLINE. THE FOLD AXIS HAS A GENTLE PLUNGE TO THE SOUTH. THE ECONOMIC COAL SEAMS OCCUR IN THE GATES FORMATION.
WORK DONE: DIAD 308 M;1 HOLE
GAMMA, NEUT, DEN

C6 WILLOW CREEK

LOCATION: LAT. 55 35 LONG. 122 10 NTS: 930/9
LICENCES: 6270-6274
OWNER: SHELL CAN. RES.
OPERATOR: CROWS NEST RES.
DESCRIPTION: NUMEROUS THIN BUT DISCONTINUOUS COAL SEAMS OCCUR IN THE GETHING FORMATION WHICH UNDERLIES THE LICENCE AREA. THE SOUTHERN PART OF THE AREA IS DOMINATED BY AN ANTICLINE WHICH TRENDS NORTHWEST/SOUTHEAST. THIS IS TRUNCATED IN THE NORTHEAST BY A NORTHEASTERLY DIPPING THRUST FAULT AND TO THE SOUTHWEST BY A SOUTHWESTERLY DIPPING THRUST FAULT.
WORK DONE: GEOL 1:10 000;1500 HA

C7 QUINTETTE TREND SOUTH AND TRANSFER

LOCATION: LAT. 54 55 LONG. 121 02 NTS: 93I/14, 15
LICENCES: QUINETTE TREND SOUTH: 3297, 3300, 3301; TRANSFER: 3341, 3661
OWNER: QUINTETTE COAL
OPERATOR: DENISON MINES
DESCRIPTION: THE FIVE MINEABLE SEAMS ARE FOUND IN THE MIDDLE MEMBER OF THE GATES FORMATION AND TOTAL SOME 16.0 METRES. IN THE TRANSFER AREA THERE IS A SYNCLINE/ANTICLINE PAIR WITH SOME MINOR THRUST FAULTING ALONG THIS SOUTHWEST LIMB OF THE SYNCLINE. IN THE QUINTETTE TREND SOUTH AREA THE BEDS DIP STEEPLY TO THE NORTHEAST AND APPEAR TO BE UNDISTURBED.
WORK DONE: DIAD 342 M;2 HOLES
ROTD 500 M;10 HOLES
DEN, GAMMA, NEUT, CAL, RES, DIR, DEV

C8 BURNT RIVER

LOCATION: LAT. 55 20 LONG. 121 40 NTS: 93P/8W
LICENCES: 3061-3088
OWNER: TECK CORP.
OPERATOR: BULLMOOSE OPERATING CORP.
DESCRIPTION: THE COAL IS CONTAINED IN THE LOWER PART OF THE GETHING FORMATION WHICH OCCURS WITHIN A GENTLY UNDULATING ZONE STRIKING NORTHWEST AND DIPPING 10-25 DEGREES TO THE SOUTHWEST. THE MAIN RESERVE AREA IS DOMINATED BY SEVERAL WESTERLY DIPPING THRUST FAULTS.
WORK DONE: ROTD 1014M;33 HOLES
REFERENCE: EXPL. IN B.C. 1977-E273; 1978-E310; 1982-423
GEM 1971-498-499

C9 MONKMAN

LOCATION: LAT. 54 46 LONG. 120 47 NTS: 93I/15
LICENCES: 3235, 3238, 3239, 3240
OWNERS: CAN. SUP. EXPLOR., MCINTYRE MINES, SUMITOMO CORP.
OPERATOR: PETRO-CAN.
DESCRIPTION: THE GATES FORMATION IS THE PRINCIPAL COAL-BEARING UNIT ON THE PROPERTY. THE STRUCTURE IS THAT OF A DOUBLY PLUNGING NORTHWEST/SOUTHEAST SYNCLINE. THRUST FAULTING IN BOTH LIMBS HAS RESULTED IN AN APPARENT REPETITION OF THE LOWER GATES COAL SEAMS. THE DISPLACEMENT IS GREATER IN THE WESTERN LIMB.
WORK DONE: GEOL
RES
REFERENCES: GEM 1973-583-585
EXPL. IN B.C. 1975-E220-E221; 1976-E219; 1978-E307; 1979-349-351; 1980-561; 1983-572; 1984-427

ELK VALLEY COALFIELD (SOUTHEAST BRITISH COLUMBIA)

C10 NORTH CASTLE MOUNTAIN, TURNBULL RIDGE, ALDRIDGE CREEK

LOCATION: LAT. 50 10 LONG. 114 52 NTS: 82J/2W
LICENCES: 336, 356, 357, 801
OWNER: FORDING COAL
OPERATOR: FORDING RIVER OPERATIONS
DESCRIPTION: FORDING RIVER PROPERTY IS UNDERLAIN BY THE GREENHILLS SYNCLINE IN THE WEST AND THE PARALLEL ALEXANDER CREEK SYNCLINE IN THE EAST. THEY ARE SEPARATED BY THE ERICKSON NORMAL FAULT. THE EAST LIMB OF THE GREENHILLS SYNCLINE HAS A SHALLOW DIP TO THE WEST AND IS THE FOCUS OF EXPLORATION AND PRODUCTION IN THE GREENHILLS RANGE PART OF THE PROPERTY. THE EAST LIMB OF THE ALEXANDER CREEK SYNCLINE ON AVERAGE IS THE STEEPER (DIPS IN PLACES EXCEED 45 DEGREES TO THE WEST) AND IS CONSIDERABLY THICKENED BY WESTERLY DIPPING THRUST FAULTS. PRODUCTION ON EAGLE MOUNTAIN AND EXPLORATION ON NORTH CASTLE AND TURNBULL MOUNTAINS AND ALDRIDGE CREEK ARE ALL WITHIN THE ALEXANDER CREEK SYNCLINE. THE COAL-BEARING MIST MOUNTAIN FORMATION IS APPROXIMATELY 450 METRES THICK AND CONTAINS ROUGHLY 10 COAL SEAMS, MANY OF WHICH CONSIST OF TWO OR MORE SEPARATE BENCHES OVER PARTS OF THE PROPERTY. SEAMS ON EAGLE MOUNTAIN ARE NUMBERED UPWARD FROM 1-SEAM AT THE BASE TO 15-SEAM AT THE TOP OF THE FORMATION, WHILE THOSE ON THE GREENHILLS RANGE ARE NAMED A-SEAM, B-SEAM, ETC., UPWARD FROM THE BASE. RANK OF COALS VARIES FROM MEDIUM-VOLATILE TO HIGH-VOLATILE A BITUMINOUS.
WORK DONE: ROTD 4424 M; 14 HOLES
REFERENCES: COAL IN B.C. 1976-191
EXPL. IN B.C. 1975-E214-E215; 1976-E215; 1977-E263-E264; 1978-303; 1979-347; 1982-428-429; 1984-C425

C11 BURNT RIDGE EXTENSION

LOCATION:	LAT. 50 05 LONG. 114 49 NTS: 82J/2W		
LICENCE:	273		
OWNER:	SHELL CAN. RES.		
OPERATOR:	CROWS NEST RES.		
DESCRIPTION:	SEVENTEEN SEAMS OF COAL GREATER THAN 1 METER IN THICKNESS OCCUR IN THE MIST MOUNTAIN FORMATION. THE LICENCE AREA IS UNDERLAIN BY THE WESTERN FLANK OF THE NORTHWEST/SOUTHEAST-TRENDING ALEXANDER CREEK SYNCLINE. THE BEDS DIP AT AN AVERAGE OF 45 DEGREES EASTWARD.		
WORK DONE:	1985:	DIAD	323 M;1 HOLE
		GAMMA, RES, CAL, DEN, NEUT, DEV	
	1986:	GEOL	1:5000 1:1000
		DIAD	501 M;1 HOLE
		GAMMA, NEUT, DEN	

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